



**SUPERBRANCHE**  
*LET'S PLAY COLLECTIVE*

## PRODUCT CATALOG

Exclusively created, developed and manufactured

Send your order to : [sales@superbranche.com](mailto:sales@superbranche.com)

Send your special enquiry to : [info@superbranche.com](mailto:info@superbranche.com)

[www.superbranche.com](http://www.superbranche.com)

**SuperBranche**  
IPCMS 23, rue du Loess BP43  
67034 Strasbourg Cedex 2, FRANCE

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PLEASE ALSO VISIT OUR WEBSITE : [WWW.SUPERBRANCHE.COM](http://WWW.SUPERBRANCHE.COM)

# ABOUT

**SuperBranche** was founded in May 2019 in Strasbourg, France by Delphine Felder-Flesch and Sylvie Begin-Colin for the purpose of developing and commercializing dendritic products and nanoparticles for companies involved in drug discovery and diagnostic or therapeutic development programs.

These products are based on our proprietary chemistries, including our unique processes for making these important compounds.

Our dendritic coatings for nanoparticles can eliminate common problems found in the development of diagnostic and therapeutic products, such as aggregation and non-specific interactions, poor water solubility, toxicity and antigenicity.

The SUPERBRANCHE product line is a unique technology platform which can be custom tailored to meet specific physical, chemical and morphological requirements in a broad array of diagnostic and therapeutic applications.

Each product is of high purity and available as research Use Only (RUO) material.



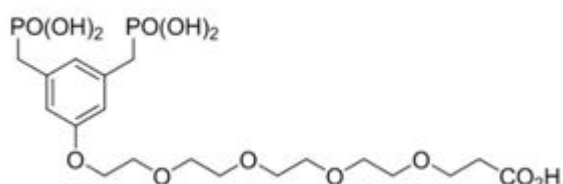
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# PRODUCTS

## OEG-2P

### Product Info

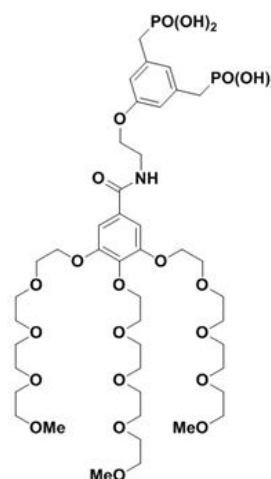
- **Type:** linear phosphonic acid
- **Product Code :** OEG-2P(O)(OH)<sub>2</sub>
- **End Group Functionality:** CARBOXYLIC ACID
- **Molecular weight MW =** 530.40 g/mol
- **Purity:** >95%
- **Soluble** in Water, Methanol, THF or Dichloromethane
- **Available quantity:** 50 mg, 100 mg or 200 mg.



## Dendron D1-2P-OCH<sub>3</sub>

### Product Info

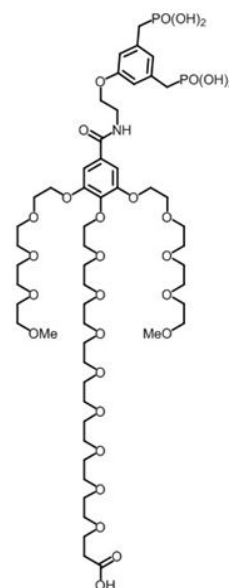
- **Type:** Dendron
- **Focal Point:** Phosphonic acid
- **Product Code :** D1-2P(O)(OH)<sub>2</sub>-OCH<sub>3</sub>
- **End Group Functionality:** METHOXY
- **Generation:** 1
- **Number of branches:** 3
- **Molecular weight MW =** 1048.01 g/mol
- **Purity:** >95%
- **Soluble** in Water, Methanol, THF or Dichloromethane
- **Available quantity:** 50 mg, 100 mg or 200 mg.



## Dendron D1-2P-CO<sub>2</sub>H

### Product Info

- **Type:** Dendron
- **Focal Point:** Phosphonic acid
- **Product Code :** D1-2P(O)(OH)<sub>2</sub>-CO<sub>2</sub>H
- **End Group Functionality:** CARBOXYLIC ACID
- **Generation:** 1
- **Number of branches:** 3
- **Molecular weight MW =** 1282.25 g/mol
- **Purity:** >95%
- **Soluble** in Water, Methanol, THF or Dichloromethane
- **Available quantity:** 50 mg, 100 mg or 200 mg.

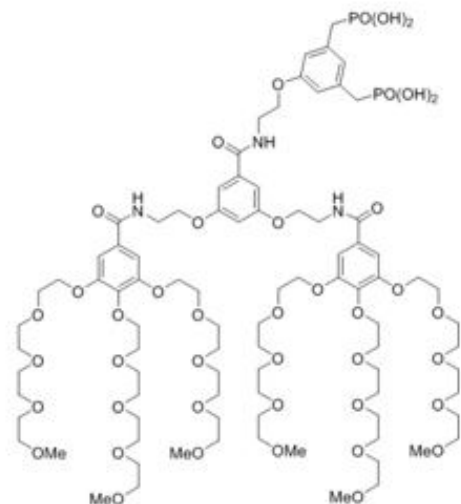


# PRODUCTS

## Dendron D2-2P-OCH3

### Product Info

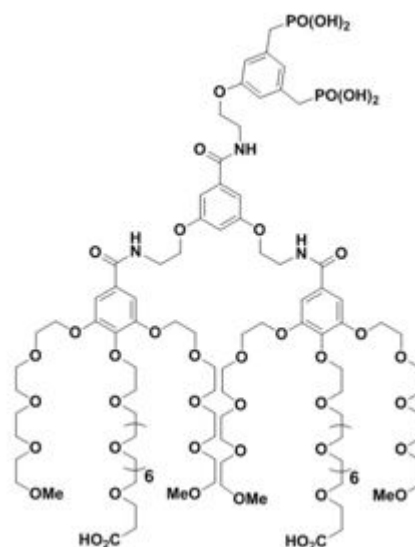
- **Type:** Dendron
- **Focal Point:** Phosphonic acid
- **Product Code :** D2-2P(O)(OH)<sub>2</sub>-OCH<sub>3</sub>
- **End Group Functionality:** METHOXY
- **Generation:** 2
- **Number of branches:** 6
- **Molecular weight MW =** 1993.06 g/mol
- **Purity:** >95%
- **Soluble in** Water, Methanol, THF or Dichloromethane
- **Available quantity:** 50 mg, 100 mg or 200 mg.



## Dendron D2-2P-CO<sub>2</sub>H

### Product Info

- **Type:** Dendron
- **Focal Point:** Phosphonic acid
- **Product Code :** D2-2P(O)(OH)<sub>2</sub>-CO<sub>2</sub>H
- **End Group Functionality:** CARBOXYLIC ACID
- **Generation:** 2
- **Number of branches:** 6
- **Molecular weight MW =** 2461.55 g/mol
- **Purity:** >95%
- **Soluble in** Water, Methanol, THF or Dichloromethane
- **Available quantity:** 50 mg, 100 mg or 200 mg.



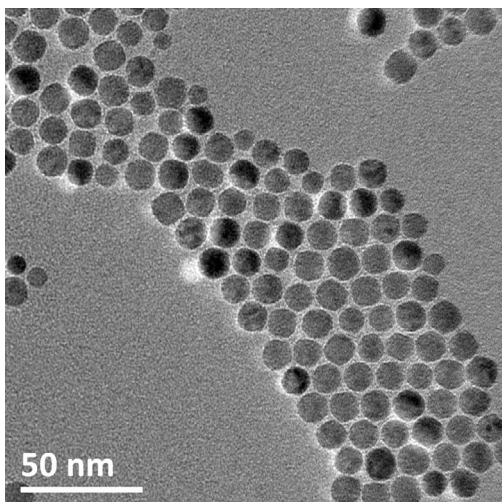
## Iron stearate precursor

### Product Info

- **Type:** Iron Precursor
- **Aspect :** powder
- **Product Code :** FeSt2
- **Thermal decomposition:** above 300°C
- **Iron :** 8%
- **Available quantity:** 50 mg, 100 mg or 200 mg.

# PRODUCTS

## Oleic acid SUPERSPIO 10nm

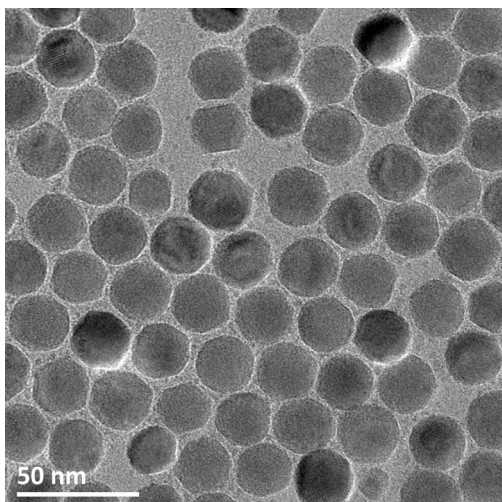


### Product Info

- **Type:** Iron oxide nanoparticle in organic solvent
- **Product Code :** SUPERSPIO10@OA
- **Concentration :** 1 mg/ml in iron
- **Narrow size** 10 nm ( $\pm 15\%$ )
- **High colloidal stability**
- **MS =**  $45 \pm 5$  emu/g (at 300 K)
- **Shipped in THF**
- **Available quantity:** 1 mL, 2 mL, or 5 mL

For suspension in a different solvent or at a different concentration please contact us at [info@superbranche.com](mailto:info@superbranche.com)

## Oleic acid SUPERSPIO 20 nm



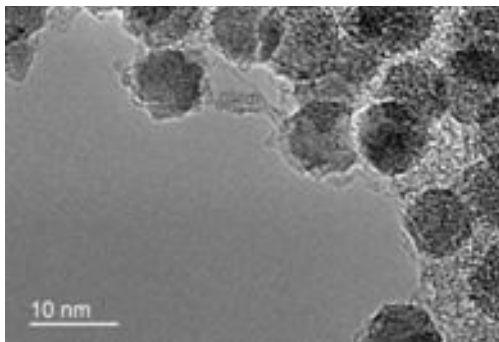
### Product Info

- **Type:** Iron oxide nanoparticle in organic solvent
- **Product Code :** SUPERSPIO20@OA
- **Concentration :** 1 mg/ml in iron
- **Narrow size** 20 nm ( $\pm 15\%$ )
- **High colloidal stability**
- **MS =**  $70 \pm 5$  emu/g (at 300 K)
- **Shipped in THF**
- **Available quantity:** 1 mL, 2 mL, or 5 mL

For suspension in a different solvent or at a different concentration please contact us at [info@superbranche.com](mailto:info@superbranche.com)

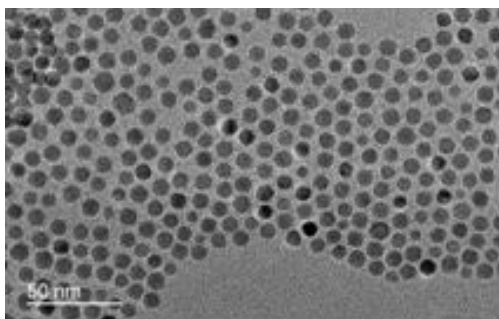
# PRODUCTS

## Dendronized D1-2P SUPERSPIO 10 nm



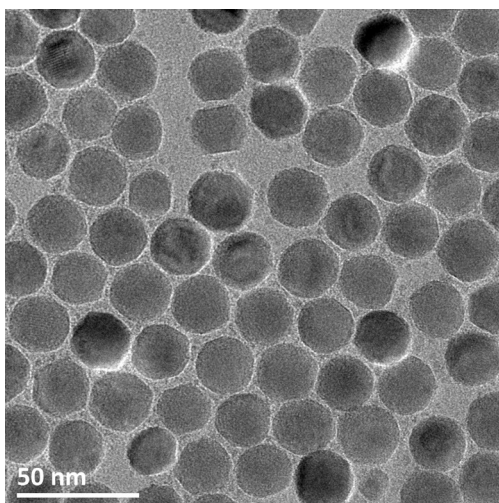
### Product Info

- **Type:** Dendronized iron oxide nanoparticle in water
- **Product Code :** SUPERSPIO10@D1-2P
- **Concentration :** 1 mg/ml in iron
- **Narrow size** 10 nm ( $\pm 15\%$ )
- **High colloidal stability**
- **Zeta potential :** - 40 mV
- **MS =**  $45 \pm 5$  emu/g (at 300 K)
- **Shipped in suspension in water (pH 7)**
- **Available quantity:** 1 mL, 2 mL, or 5 mL



For suspension in a different solvent or at a different concentration please contact us at [info@superbranche.com](mailto:info@superbranche.com)

## Dendronized D1-2P SUPERSPIO 20 nm



### Product Info

- **Type:** Dendronized iron oxide nanoparticle in water
- **Product Code :** SUPERSPIO20@D1-2P
- **Concentration :** 1 mg/ml in iron
- **Narrow size** 20 nm ( $\pm 15\%$ )
- **High colloidal stability**
- **Zeta potential :** - 40 mV
- **MS =**  $70 \pm 5$  emu/g (at 300 K)
- **Shipped in suspension in water (pH 7)**
- **Available quantity:** 1 mL, 2 mL, or 5 mL

For suspension in a different solvent or at a different concentration please contact us at [info@superbranche.com](mailto:info@superbranche.com)

# ORDERING INFORMATION

## How do I order ?

- E-mail: [sales@superbranche.com](mailto:sales@superbranche.com)
- Website: [www.superbranche.com](http://www.superbranche.com)
- For special enquiry: E-mail: [info@superbranche.com](mailto:info@superbranche.com)

## Ordering information needed

- Company Name
- Purchaser
- Telephone and Fax number
- E-mail Address for shipping confirmation
- Shipping and Billing Addresses
- Orders can be placed via e-mail

## Payment

Bank transfers. Our banking information will be on the invoice.  
(Please do not send cash)

## Shipping and storage details

Products will usually be shipped 1 to 15 days following order, depending on the product and quantity ordered. We ship all products by DHL

Storage details will be shipped with each product. We recommend storing Superbranche products in the fridge at 6°C upon arrival. Orders outside France are shipped by DHL

No products are shipped or delivered on weekends or French holidays.



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# GENERAL INFORMATION

If you have a technical question about a product you received or have seen in the catalog, please send an e-mail to [info@superbranche.com](mailto:info@superbranche.com).

## Safety Data Sheets

SDS's are available for each individual product upon request.

## Product Analysis

Superbranche's products are unique compounds synthesized de novo from pure, commercially available building blocks. Depending on the product, purity is assayed by TLC, NMR, mass spectrometry, HRMAS NMR, DLS, TEM, SAA, Zeta potential.

## Certificate of Analysis

A certificate of analysis (C of A) will be sent with your product(s) if requested. The C of A provides the test method used, the results, and the purity level of the product.

## Re-Stocking Fee

Due to the cost of re-qualifying product, there is a charge of 200 € for each previously un-opened vial/bottle that is returned. No previously opened product will be accepted. Please note there are no returns on bulk quantity purchases.



# ORDERING FORM

PRODUCT	SIZE AVAILABLE	QUANTITY
OEG-2P		
Dendron D1-2P-OCH3		
Dendron D1-2P-CO2H		
Dendron D2-2P-OCH3		
Dendron D2-2P-CO2H		
Iron stearate precursor		
PRODUCT	SIZE AVAILABLE	QUANTITY
Oleic Acid SUPERSPIO 10nm		
Oleic Acid SUPERSPIO 20 nm		
Dendronized D1-2P SUPERSPIO 10 nm		
Dendronized D1-2P SUPERSPIO 20 nm		

# CUSTOMER INFORMATION

COMPANY

NAME

SURNAME

ADDRESS

ZIP CODE

CITY

COUNTRY

EMAIL

PHONE

**SEND**

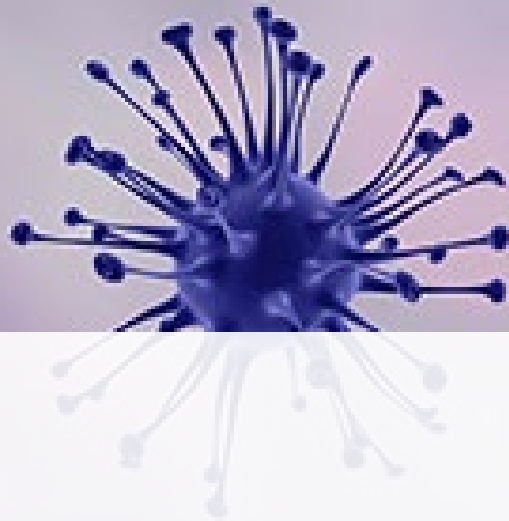
# TERMS and CONDITIONS

Superbranche owns self-developed technologies as well as accompanying patents, know-how and practical knowledge for the production of dendritic molecules, dendronized nanoparticles and related products. The following are standard terms of trade and are an integral part of all quotations and sales of Superbranche to customers, buyers and business enterprises:

1. By placing a Purchase Order, the customer accepts the standard Terms and Conditions of Sale of Superbranche as binding.
2. Payment terms of sale are net 30 days of date of invoice, unless otherwise stated.
3. Products sold are solely for use by qualified individuals who are experts in their fields for laboratory use only (RUO) and are not intended to be used for any other purposes, including but not limited to, in vitro diagnostic purposes, in foods, drugs, medical devices, cosmetics or commercial use. Customer represents and warrants to Superbranche that Buyer will properly use any products purchased from or materials produced from products made or purchased from Superbranche in strict compliance with all applicable laws and regulations.
4. Nothing in terms of trade or quotation of orders by Superbranche may be interpreted such that they would result in the assignment of rights of manufacture the Superbranche technology to the customer.
5. All goods must be inspected upon arrival and may not be returned for credit except with Superbranche's permission. Customer has 10 business days to report any inconsistencies with shipment. Due to the cost of re-qualifying product, there is a charge of 200 € for each previously un-opened vial/bottle that is returned. No previously opened product will be accepted. Please note there are no returns on bulk quantity purchases.
6. Superbranche's products are subject to FRENCH export laws, treaties, rules international agreements and regulations. All customers purchasing Superbranche's products assume the responsibility of abiding by FRENCH export laws, treaties, rules, international agreements and regulations along with applicable foreign laws. Please Note: International customers are responsible for any international customs, duties or taxes on merchandise delivered to addresses outside France. These amount are not included in the shipping charges shown on invoices and will be billed to the customer separately by the chosen carrier, if applicable.



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