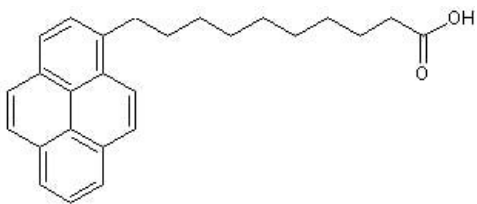


Product datasheet

1-Pyrenedecanoic acid ab274309

[2 References](#) [1 Image](#)

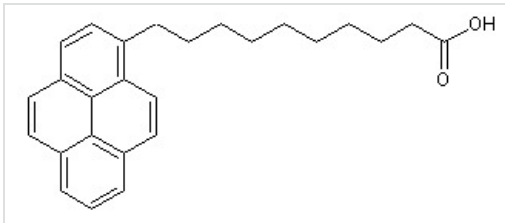
Overview

| | |
|-------------------------------|---|
| Product name | 1-Pyrenedecanoic acid |
| Description | Fluorescent lipid analog for labeling membranes and measuring membrane fluidity |
| Biological description | Fluorescent lipid analog. Incorporates into membranes and lipid bilayers. Can be formed into micelles with other lipids (triglycerides, phospholipids). Used for fluorescent labeling, measurement of membrane fluidity and lipase enzyme assays. |
| Purity | > 99% |
| CAS Number | 64701-47-9 |
| Chemical structure |  |

Properties

| | |
|-----------------------------|---|
| Chemical name | 1-Pyrenedecanoic acid |
| Molecular weight | 372.48 |
| PubChem identifier | 162908 |
| Storage instructions | Shipped at Room Temperature. Store at Room Temperature. Store In the Dark. Store under desiccating conditions. |
| Solubility overview | Soluble in DMSO |
| Handling | Refer to SDS for further information. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details. |
| SMILES | <chem>C1=CC2=C3C(=C1)C=CC4=C(C=CC(=C43)C=C2)CCCCCCCCC(=O)O</chem> |
| Source | Synthetic |

Images



Chemical structure of 1-Pyrenedecanoic acid, 64701-47-9

Chemical Structure - 1-Pyrenedecanoic acid
(ab274309)

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