

Rexar Technical Compound Datasheet

Product Name: Fluorene Myristate

Chemical Name: Tetradecanoic acid, 9H-fluoren-9-yl ester

CAS Number: 2595050-21-6

PubChem CID: 164936671

Synonyms:

- Fluorene Myristate
 - Myristic acid 9H-fluoren-9-yl ester
 - Tetradecanoic acid, 9H-fluoren-9-yl ester
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Chemical Information

Molecular Formula C₂₇H₃₆O₂

Molecular Weight 392.57 g/mol

IUPAC Name tetradecanoic acid, 9H-fluoren-9-yl ester

SMILES CCCCCCCCCCCCCC(=O)OC1C2=CC=CC=C2C3=CC=CC=C13

InChIKey ZQOXS RPWXKZRGP-UHFFFAOYSA-N

Appearance White to off-white crystalline powder

Solubility Soluble in common organic solvents (e.g. ethanol, DMSO); limited solubility in water

Applications

- Analytical reference material for fluorene-based organic compounds
 - Chromatographic and spectrometric method development (e.g. HPLC, LC-MS)
 - Evaluation of physicochemical properties of aromatic ester derivatives
 - Utilized in laboratory investigation of polycyclic aromatic ester compounds*
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Storage & Handling

Storage Temperature Store in a cool, dry, dark place at 2–8 °C

Handling Handle in accordance with laboratory safety protocols

Packaging Supplied in sealed, research-grade containers

Additional Notes

- This compound is offered solely for scientific and technical research
- Not intended for human or veterinary use
- See full compound data at PubChem CID 164936671