

Fluorene Myristate

9H-fluoren-9-yl tetradecanoate | CAS 2595050-21-6

Product identification

Product name	Fluorene Myristate
Chemical name	9H-fluoren-9-yl tetradecanoate
CAS number	2595050-21-6
PubChem CID	164936671
Molecular formula	C27H36O2
Molecular weight	392.57 g/mol
InChIKey	WIGJNRJBSRIUAL-UHFFFAOYSA-N
Canonical SMILES	CCCCCCCCCCCCCCCC(=O)OC1C2=CC=CC=C2C3=CC=CC=C13
Material type	Chemical reference material / technical compound

Material description

Fluorene Myristate is 9H-fluoren-9-yl tetradecanoate, an ester containing a fluorene-derived aromatic moiety and a tetradecanoate chain. Rexar supplies the material as a chemical reference material / technical compound for laboratory identification, documentation and analytical comparison.

Intended use

For laboratory, analytical, chemical and method-development applications, including identity comparison, chromatographic and spectroscopic workflows. Not for human or animal consumption. Not intended for food, supplement, cosmetic, medical, diagnostic or therapeutic use.

Reference characteristics

Structural class	Fluorene-derived tetradecanoate ester
Typical physical form	Solid / powder; lot-specific appearance should be verified from supplier documentation
Storage guidance	Keep tightly closed in a cool, dry place and protect from excessive heat, moisture and direct light. Follow lot-specific supplier storage information.
Reference database	PubChem CID 164936671

Analytical use and traceability

Suitable as a reference material for qualitative identity work and comparative analytical workflows. Purity, water content, residual solvents and analytical acceptance criteria are lot-specific and must be taken from the applicable supplier documentation or certificate of analysis; they are not inferred by this datasheet.

Safety note

Publicly available hazard information is limited. No harmonised or otherwise authoritative CLP classification was identified for this specific substance in the sources reviewed for this revision. Handle conservatively as a laboratory chemical of incompletely characterised hazard, minimise dust exposure and use appropriate laboratory PPE. Consult the applicable Safety Data Sheet before handling.

Identity verification note

Identity verified against PubChem CID 164936671. The record identifies Fluorene Myristate as 9H-fluoren-9-yl tetradecanoate, CAS 2595050-21-6, molecular formula C₂₇H₃₆O₂, molecular weight 392.6 g/mol and InChIKey WIGJNRJBSRIUAL-UHFFFAOYSA-N.

Document control

Document	Rexar Technical Compound Datasheet
Revision	10 September 2026
Status	Reference information; not a certificate of analysis

Disclaimer

This document is provided for chemical identification and laboratory reference purposes. It does not certify batch purity or replace lot-specific analytical documentation. Users are responsible for confirming suitability, regulatory status and safe handling for their intended laboratory application.