

Product Information

Ester/Phosphonate PEG reagent, Tetraethyl heptane-1,7-diylbis(phosphonate), Purity ≥98%

Cat. No.: X25-10-YM029

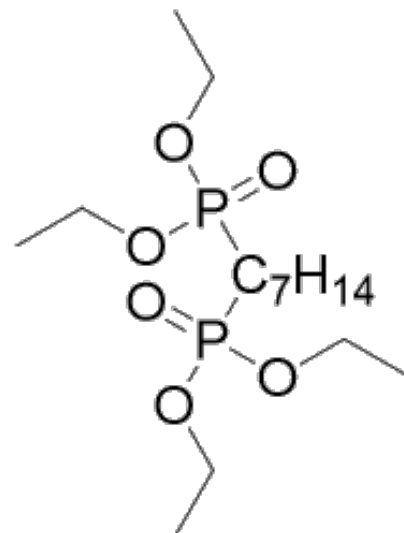
Size: 250 mg; 500 mg; 1 g; 5 g

CAS Number: 5943-17-9

PubChem CID: 77078417

Synonym: 5943-17-9; Tetraethyl heptane-1,7-diylbis(phosphonate); Tetraethyl heptane-1

This product is for research use only and is not intended for diagnostic use.



Product Information

Molecular Weight	372.4
Molecular Formula	C ₁₅ H ₃₄ O ₆ P ₂
Functional Group 1	Ester
Functional Group 2	Phosphonate
IUPAC Name	1,7-Bis(diethoxyphosphoryl)heptane
InChI Key	CYRFVVLQCVAMPM-UHFFFAOYSA-N
Canonical SMILES	CCOP(=O)(CCCCCOP(=O)(OCC)OCC)OCC
Form	Liquid
Purity	≥98%
Impurities	No visible impurities to the naked eye.
Identity	Confirmed by NMR.
Applications	Tetraethyl heptane-1,7-diylbis(phosphonate) can be studied extensively for its potential in molecular electronics and as a component in the development of nanostructured materials.
Storage	Store at -20°C.