

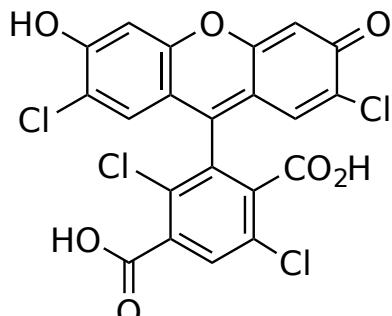
6-TET Acid

Catalog Number: 210
Unit Size: 10 mg

Product Details

Storage Conditions	Freeze (< -15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Solid
Molecular Weight	514.09
Soluble In	DMSO
Chemical Structure	 The chemical structure of 6-TET Acid is a complex polychlorinated compound. It features a central carbon atom bonded to four different groups: a 2-hydroxy-4-chlorophenyl group, a 2-hydroxy-4-chlorophenyl group, a 2-hydroxy-4-chlorophenyl group, and a 2-hydroxy-4-chlorophenyl group. The central carbon is also bonded to a carbonyl group (C=O) and a carboxylic acid group (CO2H).

Spectral Properties

Excitation Wavelength	521 nm
Emission Wavelength	542 nm

Applications

6-TET is a fluorophore that is widely used in nucleic acid sequencing and related research. 6-TET acid is the most economic form to make a conjugate with amino-containing biomolecules.