

10-Iodooctadecanoic acid

Chemical Properties

CAS No. :	104855-14-3
Formula:	C ₁₈ H ₃₅ IO ₂
Molecular Weight:	410.38
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	10-Iodooctadecanoic acid (10-Monoiodostearic acid) is a long-chain fatty acid. It holds potential for use in cardiac perfusion and metabolic imaging. Additionally, 10-Iodooctadecanoic acid can be employed in research as a synthetic intermediate or a radiolabeling agent.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4368 mL	12.1838 mL	24.3677 mL
5 mM	0.4874 mL	2.4368 mL	4.8735 mL
10 mM	0.2437 mL	1.2184 mL	2.4368 mL
50 mM	0.0487 mL	0.2437 mL	0.4874 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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