

(Z)-Non-2-enyl 6-bromohexanoate

Chemical Properties

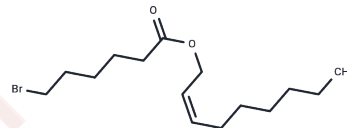
CAS No. : 2230212-02-7

Formula: C₁₅H₂₇BrO₂

Molecular Weight: 319.278

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description

(Z)-Non-2-enyl 6-bromohexanoate is an analogue of biotin and acts as a protein cross-linker. It exhibits weak binding to biotin-binding proteins (such as avidin) and can be easily displaced by biotin. This compound is used in the preparation of agarose matrices for the affinity-based separation of streptavidin-fluorophore conjugates.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.132 mL	15.6602 mL	31.3205 mL
5 mM	0.6264 mL	3.132 mL	6.2641 mL
10 mM	0.3132 mL	1.566 mL	3.132 mL
50 mM	0.0626 mL	0.3132 mL	0.6264 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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