

## Tert-butyl 6-hydroxyhexanoate

## Chemical Properties

CAS No. :	73839-20-0
Formula:	C <sub>10</sub> H <sub>20</sub> O <sub>3</sub>
Molecular Weight:	188.264
Storage:	Store at low temperature 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	Tert-butyl 6-hydroxyhexanoate (BHH) is an initiator for the preparation of $\alpha$ -tert-butylloxycarbonyl $\omega$ -hydroxyheterobifunctional poly( $\epsilon$ -caprolactone) (PCL) and poly( $\delta$ -valerolactone) PVL.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3118 mL	26.559 mL	53.118 mL
5 mM	1.0624 mL	5.3118 mL	10.6236 mL
10 mM	0.5312 mL	2.6559 mL	5.3118 mL
50 mM	0.1062 mL	0.5312 mL	1.0624 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.

## Reference

Yuntao Song, et al. Protein-macromolecule conjugates and methods of use thereof: WO2021067458A1.

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