

TPP@CUR

Chemical Properties

CAS No. : 3032193-08-8
 Formula: C44H42BrO7P
 Molecular Weight: 793.69
 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	TPP@CUR is the product formed from the esterification reaction between Curcumin and (5-hydroxy-5-oxopentyl)triphenylphosphonium bromide (TPP). It can be used in the synthesis of Ser@TPP@CUR, which is utilized in studies related to acute kidney injury.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2599 mL	6.2997 mL	12.5994 mL
5 mM	0.252 mL	1.2599 mL	2.5199 mL
10 mM	0.126 mL	0.630 mL	1.2599 mL
50 mM	0.0252 mL	0.126 mL	0.252 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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