Data Sheet (Cat.No.T73942)



(Rac)-IBT6A hydrochloride

Chemical Properties

CAS No.: 1807619-60-8 Formula: C22H23ClN60

Molecular Weight: 422.91

Appearance: no data available

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

Biological Description

Description	(Rac)-IBT6A hydrochloride is a racemic mixture comprising IBT6A hydrochloride, which
	itself is an impurity of Ibrutinib. This compound plays a role in the synthesis of both the
	IBT6A Ibrutinib dimer and the IBT6A adduct [1]. Ibrutinib, to which IBT6A is related, acts
	as a selective and irreversible inhibitor of Bruton's tyrosine kinase (Btk), exhibiting an
	inhibitory concentration (IC50) of 0.5 nM [2].

Preparing Stock Solutions

	1mg	5mg	10mg	
1 mM	2.3646 mL	11.8228 mL	23.6457 mL	
5 mM	0.4729 mL	2.3646 mL	4.7291 mL	
10 mM	0.2365 mL	1.1823 mL	2.3646 mL	
50 mM	0.0473 mL	0.2365 mL	0.4729 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.

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