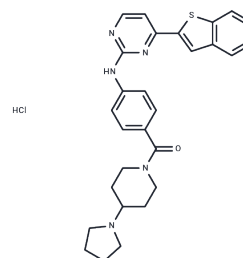


IKK 16 hydrochloride

Chemical Properties

CAS No. :	1186195-62-9
Formula:	C ₂₈ H ₃₀ ClN ₅ O ₅
Molecular Weight:	520.09
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	IKK 16 hydrochloride is a selective IKK2, IKK complex, and IKK1 IκB kinase (IKK) inhibitor (IC ₅₀ s: 40 nM, 70 nM and 200 nM, respectively). IKK16 inhibits leucine-rich repeat kinase-2 (LRRK2; IC ₅₀ : 50 nM).
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9227 mL	9.6137 mL	19.2274 mL
5 mM	0.3845 mL	1.9227 mL	3.8455 mL
10 mM	0.1923 mL	0.9614 mL	1.9227 mL
50 mM	0.0385 mL	0.1923 mL	0.3845 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.

Reference

Waelchli R, et al. Design and preparation of 2-benzamido-pyrimidines as inhibitors of IKK. Bioorg Med Chem Lett. 2006 Jan 1;16(1):108-12.

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