

IKK 16 hydrochloride

Chemical Properties

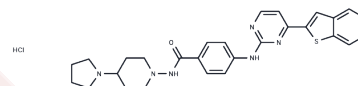
CAS No. : 1186195-62-9

Formula: C₂₈H₃₀ClN₅O₂

Molecular Weight: 520.09

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	IKK 16 hydrochloride is a selective inhibitor of IKK2 (IC ₅₀ : 40 nM), the IKK complex (IC ₅₀ : 70 nM), and IKK1 IκB kinase (IKK) (IC ₅₀ : 200 nM), as well as leucine-rich repeat kinase-2 (LRRK2; IC ₅₀ : 50 nM).
Targets(IC ₅₀)	Others,IκB/IKK,LRRK2

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.

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

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

Hermanson SB, et al. Screening for novel LRRK2 inhibitors using a high-throughput TR-FRET cellular assay for LRRK2 Ser935 phosphorylation. PLoS One. 2012;7(8):e43580.

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