

KR-67607

Chemical Properties

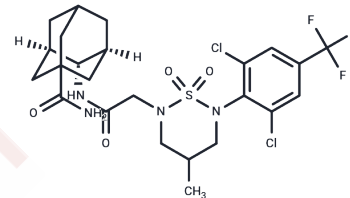
CAS No. : 1401564-00-8

Formula: C₂₄H₂₉Cl₂F₃N₄O₄S

Molecular Weight: 597.48

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	KR-67607, also known as NTX-101 is novel selective 11β-hydroxysteroid dehydrogenase 1 (11β-HSD1) inhibitor. KR-67607 decreased 4-hydroxynonenal expression and increased antioxidant and mucus secretion in BAC-treated rat eyes. KR-67607 showed its protective effects against ischemia-reperfusion-induced eye injury. KR-67607 effectively reduced cortisol levels in mouse eyes and maintained the trabecular meshwork (TM) structure in the presence of transient ischemic stress. Furthermore, KR-67607 reversed the elevation of intra-ocular pressure (IOP), suggesting that the TM structure maintained by KR-67607 prevented the excessive rise in IOP that exacerbates glaucoma.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6737 mL	8.3685 mL	16.737 mL
5 mM	0.3347 mL	1.6737 mL	3.3474 mL
10 mM	0.1674 mL	0.8368 mL	1.6737 mL
50 mM	0.0335 mL	0.1674 mL	0.3347 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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