

K811

Chemical Properties

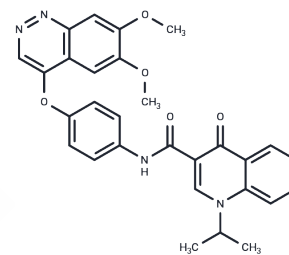
CAS No. : 1355228-38-4

Formula: C₂₉H₂₆N₄O₅

Molecular Weight: 510.54

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	K811 is an ASK1-specific inhibitor that prolongs survival in a mouse model of amyotrophic lateral sclerosis. K811 efficiently prevented cell proliferation in cell lines with high ASK1 expression and in HER2-overexpressing GC cells. Treatment with K811 reduced sizes of xenograft tumors by downregulating proliferation markers.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9587 mL	9.7936 mL	19.5871 mL
5 mM	0.3917 mL	1.9587 mL	3.9174 mL
10 mM	0.1959 mL	0.9794 mL	1.9587 mL
50 mM	0.0392 mL	0.1959 mL	0.3917 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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