

TRP-601

Chemical Properties

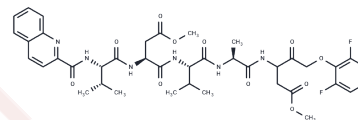
CAS No. : 1094569-02-4

Formula: C₄₀H₄₈F₂N₆O₁₁

Molecular Weight: 826.852

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	TRP-601 is a caspase inhibitor. This compound modulates apoptosis pathways by inhibiting caspase enzymes, potentially offering therapeutic benefits in diseases where apoptosis is dysregulated. (Old way)
Targets(IC50)	Bcl-2 Family,Others,Caspase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2094 mL	6.047 mL	12.0941 mL
5 mM	0.2419 mL	1.2094 mL	2.4188 mL
10 mM	0.1209 mL	0.6047 mL	1.2094 mL
50 mM	0.0242 mL	0.1209 mL	0.2419 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

Sifringer M, Bendix I, Börner C, Endesfelder S, von Haefen C, Kalb A, Holifanjaniaina S, Prager S, Schlager GW, Keller M, Jacotot E, Felderhoff-Mueser U. Prevention of neonatal oxygen-induced brain damage by reduction of intrinsic apoptosis. *Cell Death Dis.* 2012 Jan 12;3:e250. doi: 10.1038/cddis.2011.133. PubMed PMID: 22237207; PubMed Central PMCID: PMC3270267.

Chauvier D, Renolleau S, Holifanjaniaina S, Ankri S, Bezault M, Schwendimann L, Rousset C, Casimir R, Hoebeke J, Smirnova M, Debret G, Trichet AP, Carlsson Y, Wang X, Bernard E, Hébert M, Rauzier JM, Matecki S, Lacampagne A, Rustin P, Mariani J, Hagberg H, Gressens P, Charriaut-Marlangue C, Jacotot E. Targeting neonatal ischemic brain injury with a pentapeptide-based irreversible caspase inhibitor. *Cell Death Dis.* 2011 Sep 1;2:e203. doi: 10.1038/cddis.2011.87. PubMed PMID: 21881605; PubMed Central PMCID: PMC3186905.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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