

YLT205

Chemical Properties

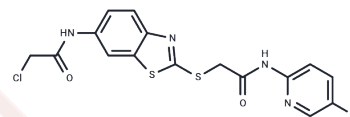
CAS No. : 1316196-63-0

Formula: C₁₆H₁₂BrClN₄O₂S₂

Molecular Weight: 471.78

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	YLT205 is an inducer of apoptosis in human colorectal cells that acts by inhibiting tumor growth.
Targets(IC50)	Apoptosis,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1196 mL	10.5982 mL	21.1963 mL
5 mM	0.4239 mL	2.1196 mL	4.2393 mL
10 mM	0.212 mL	1.0598 mL	2.1196 mL
50 mM	0.0424 mL	0.212 mL	0.4239 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

Zhu Y, Xia Y, Ye T, Shi X, Song X, Liu L, Zeng J, Wang N, Luo Y, Han Y, Yu L. A novel small-molecule YLT205 induces apoptosis in human colorectal cells via mitochondrial apoptosis pathway in vitro and inhibits tumor growth in vivo. Cell Physiol Biochem. 2014;33(4):933-44. doi: 10.1159/000358665. Epub 2014 Mar 31. PubMed PMID: 24713812.

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