

BP13944

## Chemical Properties

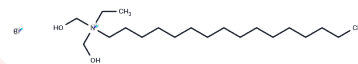
CAS No. : 1622060-51-8

Formula: C<sub>20</sub>H<sub>44</sub>BrNO<sub>2</sub>

Molecular Weight: 410.47

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	BP13944 is used as a potential dengue virus NS2B/NS3 protease inhibitor.
Targets(IC50)	Anti-infection,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4362 mL	12.1812 mL	24.3623 mL
5 mM	0.4872 mL	2.4362 mL	4.8725 mL
10 mM	0.2436 mL	1.2181 mL	2.4362 mL
50 mM	0.0487 mL	0.2436 mL	0.4872 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

Yang CC, Hu HS, Wu RH, Wu SH, Lee SJ, Jiaang WT, Chern JH, Huang ZS, Wu HN, Chang CM, Yueh A. A novel dengue virus inhibitor, BP13944, discovered by high-throughput screening with dengue virus replicon cells selects for resistance in the viral NS2B/NS3 protease. *Antimicrob Agents Chemother.* 2014;58(1):110-9. doi: 10.1128/AAC.01281-13. Epub 2013 Oct 21. PubMed PMID: 24145533; PubMed Central PMCID: PMC3910792.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481