

## O6BTG-C8-αGlu

## Chemical Properties

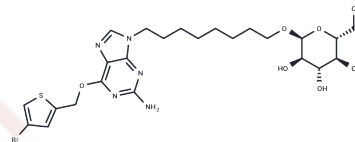
CAS No. : 793035-88-8

Formula: C<sub>24</sub>H<sub>34</sub>BrN<sub>5</sub>O<sub>7</sub>S

Molecular Weight: 616.525

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	O6BTG-C8-αGlu is an O6-methylguanine-DNA methyltransferase (MGMT) inhibitor with an IC <sub>50</sub> of 0.45 μM. At a concentration of 0.1 μM, it fully inhibits MGMT in HeLaS3 cells and demonstrates no cytotoxicity even at prolonged high doses (up to 20 μM). This compound is suitable for research on MGMT-related cancers.
Targets(IC <sub>50</sub> )	DNA Methyltransferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.622 mL	8.1099 mL	16.2198 mL
5 mM	0.3244 mL	1.622 mL	3.244 mL
10 mM	0.1622 mL	0.811 mL	1.622 mL
50 mM	0.0324 mL	0.1622 mL	0.3244 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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Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481