

Glucose-conjugated MGMT inhibitor

Catalog No: tcsc0463



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

382607-78-5

Formula:

$C_{24}H_{34}BrN_5O_7S$

Pathway:

Epigenetics

Target:

DNA Methyltransferase

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

O6BTG-C8-βGlu

Observed Molecular Weight:

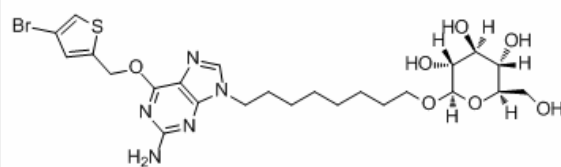
616.53

Product Description

Glucose-conjugated MGMT inhibitor is a potent O⁶-methylguanine-DNA methyl-transferase (**MGMT**) inhibitor, with IC₅₀s of 32 nM in vitro (cell extracts) and 10 nM in HeLa S3 cells.

IC₅₀ & Target: IC₅₀: 32 nM (MGMT, cell extracts) and 10 nM (MGMT, HeLa S3 cells)^[1]

In Vitro: Glucose-conjugated MGMT inhibitor (O6BTG-octylglucoside) is a potent and non-toxic MGMT inhibitor, with IC₅₀s of 32 nM in vitro (cell extracts) and 10 nM in HeLa S3 cells^[1].



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