

# 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:**

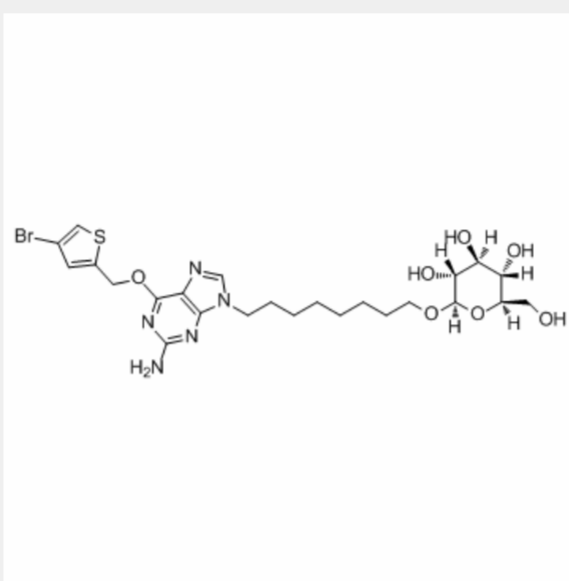
616.53

## Product Description

Glucose-conjugated MGMT inhibitor is a potent O<sup>6</sup>-methylguanine-DNA methyl-transferase (**MGMT**) inhibitor, with IC<sub>50</sub>s 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)<sup>[1]</sup>

**In Vitro:** Glucose-conjugated MGMT inhibitor (O6BTG-octylglucoside) is a potent and non-toxic MGMT inhibitor, with IC<sub>50</sub>s of 32 nM in vitro (cell extracts) and 10 nM in HeLa S3 cells<sup>[1]</sup>.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!