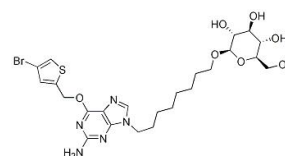


Technical Data Sheet

(2R,3R,4S,5S,6R)-2-((8-(2-amino-6-((4-bromothiophen-2-yl)methoxy)-9H-purin-9-yl)octyl)oxy)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol

Compound Information

Product Name:	(2R,3R,4S,5S,6R)-2-((8-(2-amino-6-((4-bromothiophen-2-yl)methoxy)-9H-purin-9-yl)octyl)oxy)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol
CAS No.:	382607-78-5
Molecular Formula:	C ₂₄ H ₃₄ BrN ₅ O ₇ S
Molecular Weight:	616.53
Storage:	Store the product in sealed, cool and dry condition.
Revision Date:	2026-04-27



Analytical Information

Tests	Specifications
Description	O6BTG-octylglucoside is a potent O6-methylguanine-DNA methyl-transferase (MGMT) inhibitor, with IC ₅₀ s of 32 nM in vitro (cell extracts) and 10 nM in HeLa S3 cells.
Form	Powder
Color	White to off-white
Purity	>98%
General tips	For obtaining a higher solubility, please warm the tube at 37 degrees Celsius (98.6 degrees Fahrenheit) and shake it in the ultrasonic bath for a while.
Solubility	DMSO 90 mg/mL

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.