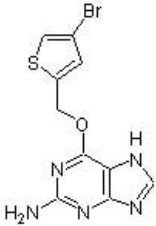


Product datasheet

Lomeguatrib, MGMT inhibitor ab142741

1 Image

Overview

Product name	Lomeguatrib, MGMT inhibitor
Description	Potent MGMT inhibitor
Biological description	Potent O ⁶ -methylguanine-DNA methyltransferase (MGMT) inhibitor (IC ₅₀ = 9 nM). Inhibits recombinant human ATase (IC ₅₀ = 5 nM). Shows antitumor effects <i>in vivo</i> . Enhances antitumor effects of temozolomide (ab141055).
Purity	> 98%
General notes	Sold under license from CRT.
CAS Number	192441-08-0
Chemical structure	

Properties

Chemical name	6-[(4-Bromothiophen-2-yl)methoxy]-7H-purin-2-amine
Molecular weight	326.17
Molecular formula	C ₁₀ H ₈ BrN ₅ OS
PubChem identifier	3025944
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Refer to SDS for further information.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

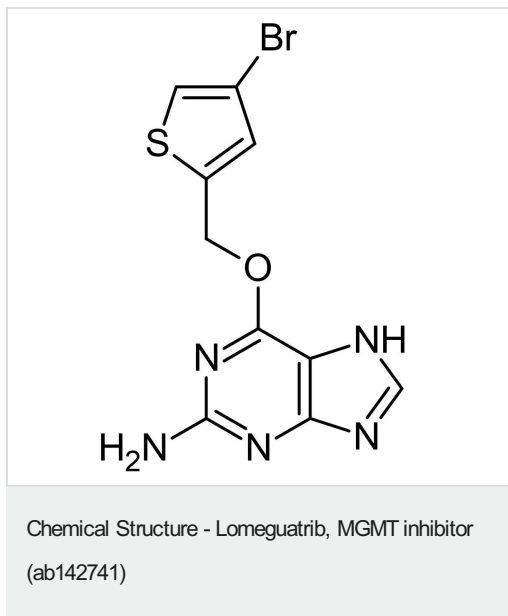
SMILES

C1=C(SC=C1Br)COC2=NC(=NC3=C2NC=N3)N

Source

Synthetic

Images



2D chemical structure image of ab142741, Lomeguatrib, MGMT inhibitor

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours
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- We investigate all quality concerns to ensure our products perform to the highest standards

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