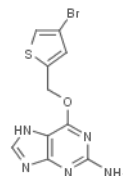


Product Name : Lomeguatrib
Synonyms : PaTrin 2; PaTrin2; PaTrin-2; Lomeguatrib
Cat No. : M17403
CAS Number : 192441-08-0
Molecular Formula : C₁₀H₈BrN₅O
Formula Weight : 326.17
Chemical Name : 2-Amino-6-[(4-bromo-2-thienyl)methoxy]-9H-purine



Description : Lomeguatrib, also known as PaTrin-2, is a potent Inhibitor of O⁶-Alkylguanine-DNA-Alkyltransferase. Lomeguatrib is also a nontoxic low-molecular weight pseudosubstrate that has the ability to inactivate MGMT. Lomeguatrib can be used with temozolomide (TMZ) for GBM treatment.

Pathway : Microbiology/Virology
Target : Antifungal
Receptor : O⁶-alkylguanine-DNA-alkyltransferase
Solubility : DMSO : ≥ 56 mg/mL; 171.69 mM
SMILES : Nc1nc2c([nH]cn2)c(OCc2cc(Br)cs2)n1
Storage : (-20°C)
Stability : ≥ 2 years
Reference :

1. McElhinney RS, et al. J Med Chem, 1998, 41(26), 5265-5271.