



Product Information

PARP inhibitor, G244-LM, Purity ≥98%

Cat. No.: X24-08-YM009

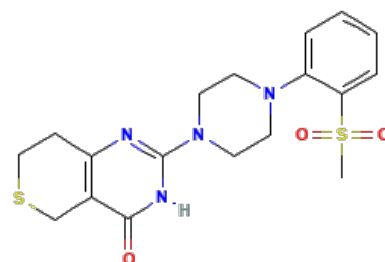
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 1563007-08-8

Compound CID: 136267814

Synonym: 1563007-08-8; 2-[4-(2-(Methylsulfonyl)phenyl)piperazin-1-yl]-3,5,7,8-tetrahydrothiopyrano[4,3-d]pyrimidin-4-one

piperazin-1-yl)-7,8-dihydro-3H-thiopyrano[4,3-d]pyrimidin-4(5H)-one; 2-[4-(2-Methylsulfonyl)phenyl)piperazin-1-yl]-3,5,7,8-tetrahydrothiopyrano[4,3-d]pyrimidin-4-one



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	G244-LM is an effective DNA damage inhibitor, that has the ability to prevent the pathway of epigenetics by inhibiting PARP.
Molecular Weight	406.5
Molecular Formula	C ₁₈ H ₂₂ N ₄ O ₃ S ₂
IUPAC Name	2-[4-(2-Methylsulfonylphenyl)piperazin-1-yl]-3,5,7,8-tetrahydrothiopyrano[4,3-d]pyrimidin-4-one
InChI	InChI=1S/C18H22N4O3S2/c1-27(24,25)16-5-3-2-4-15(16)21-7-9-22(10-8-21)18-19-14-6-11-26-12-13(14)17(23)20-18/h2-5H,6-12H2,1H3,(H,19,20,23)
InChI Key	JSQPAEVPPSCQMV-UHFFFAOYSA-N
Canonical SMILES	CS(=O)(=O)C1=CC=CC=C1N2CCN(CC2)C3=NC4=C(CSCC4)C(=O)N3
Form	Lyophilized powder
Purity	≥98%
Titer	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	G244-LM is an epigenetic inhibitor that can be used for its selective inhibition of certain protein kinases.
Storage	Store at -20°C, and keep desiccated.