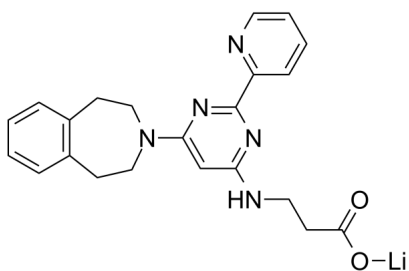


Data Sheet

Product Information

Catalog Number	BP13903
Product Name	GSK-J1 lithium salt
Description	GSK-J1 lithium salt is a potent inhibitor of me2-demethylases JMJD3/H3K27me3/KDM6B and UTX/KDM6A (IC50: 60 nM towards KDM6B).
Targets&IC50	KDM6B:60 nM
In vitro	GSK-J1 inhibits TNF- α production by human primary macrophages in an H3K27-dependent manner. GSK-J1 inhibits the demethylase activity of KDM5C with 8.5-fold increased potency compared with that of KDM5B at 1 mM α -ketoglutarate, with IC50 of 11 μ M and 94 μ M, respectively. GSK-J1 is selective for H3K27 demethylases of the KDM6 subfamily and specifically binds to endogenous JMJD3.
Chemical Formula	C22H22LiN5O2
Molecular Weight	395.38
Solubility	
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure
OR
Tested Image



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