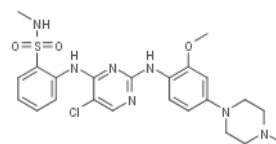


Product Name	: ALK inhibitor 2
Synonyms	: ALK inhibitor 2; MDK-8384; MDK 8384
Cat No.	: M19086
CAS Number	: 761438-38-4
Molecular Formula	: C ₂₃ H ₂₈ ClN ₇ O ₃ S
Formula Weight	: 518.03
Chemical Name	: 2-[[5-chloro-2-[2-methoxy-4-(4-methylpiperazin-1-yl)anilino]pyrimidin-4-yl]amino]-N-methylbenzenesulfonamide
Description	: MDK-8384, also known as ALK inhibitor 2, is a potent and selective ALK inhibitor. MDK-8384 has CAS#761438-38-4. MDK-8384 was reported in J Med Chem. 2013;56(14):5675-90.
Pathway	: Others
Target	: Other Targets
Receptor	: ALK
Solubility	: DMSO : 50 mg/mL 96.52 mM; H ₂ O : < 0.1 mg/mL
SMILES	: <chem>CN(C)S(=O)(=O)c1ccc(Nc2nc(Nc3cc(N1CCN(CC1)C)OC)c(Cl)c3)cnc2)cc1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. A Dose Finding Study With Oral LDK378 in Patients With Tumors Characterized by Genetic Abnormalities in Anaplastic Lymphoma Kinase (ALK).