

Product Datasheet

Alectinib hydrochloride (orb1298976)

Catalog Number	orb1298976
Category	Small Molecules
Description	Alectinib hydrochloride is a potent and selective oral ALK inhibitor with an IC50 of 1.9 nM. It is widely used in preclinical research for studying non-small cell lung cancer (NSCLC), demonstrating efficacy in both cellular assays and in vivo models of ALK-driven tumors.
Target	ALK
Purity	99.74%
MW	519.08
Target Areas	ALK
Solubility (25°C)	DMSO:6.25 mg/mL (12.04 mM)
CAS Number	1256589-74-8
Formula	C ₃₀ H ₃₅ ClN ₄ O ₂
SMILES	Cl.CCc1cc2C(=O)c3c([nH]c4cc(ccc34)C#N)C(C)(C)c2cc1N1CCC(CC1)N1CCOCC1
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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