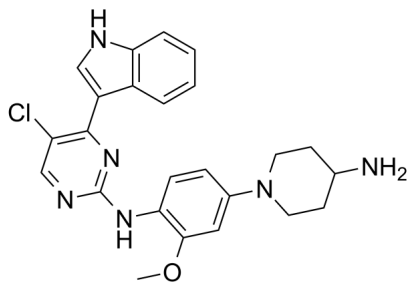


Data Sheet

Product Information

Catalog Number	BP10411
Product Name	AZD-3463
Description	AZD3463, an orally bioavailable ALK inhibitor (K _i : 0.75 nM), can inhibit IGF1R with equivalent potency.
Targets&IC50	ALK: 0.75 nM(K _i)
Synonyms	ALK/IGF1R inhibitor, AZD3463
CAS No.	1356962-20-3
Chemical Formula	C ₂₄ H ₂₅ ClN ₆ O
Molecular Weight	448.96
Solubility	H ₂ O: <1 mg/mL DMSO: 23 mg/mL (51.2 mM); Ethanol: <1 mg/mL
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 The chemical structure of AZD3463 is shown. It features a central pyrimidine ring substituted with a chlorine atom at position 6, a 1H-indol-3-yl group at position 2, and a 4-(4-aminopiperidin-1-yl)-3-methoxyphenyl group at position 4. The SMILES string is: <chem>COc1ccc(cc1N2C=NC(=C2)C3=C(Cl)C=CC3c4c[nH]c5ccccc45)N6CCNCC6</chem>

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