

Technical Data Sheet

Motesanib

Compound Information

Product Name:	Motesanib
CAS No.:	453562-69-1
Molecular Formula:	C ₂₂ H ₂₃ N ₅ O
Molecular Weight:	373.45
Storage:	Powder -20°C 3 years; 4°C 2 years In solvent -80°C 6 months; -20°C 1 month
Revision Date:	2026-04-15

Analytical Information

Tests	Specifications
Description	Motesanib (AMG-706) is a potent ATP-competitive inhibitor of VEGFR1/2/3 with IC ₅₀ of 2 nM/3 nM/6 nM, respectively; similar activity against Kit, ~10-fold more selective for VEGFR than PDGFR and Ret.
Form	White powder solid.
Color	Pale Yellow
Solubility	DMSO (Slightly), Methanol (Slightly)
Purity	Shows >98% purity
1H NMR	Pass test

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