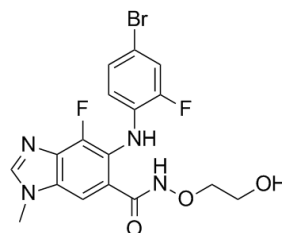


Product Name	: Binimetinib
Synonyms	: MEK162, ARRY-162, ARRY-438162
Cat No.	: M15269
CAS Number	: 606143-89-9
Molecular Formula	: C ₁₇ H ₁₅ BrF ₂ N ₄ O ₃
Formula Weight	: 441.23
Chemical Name	: 5-((4-bromo-2-fluorophenyl)amino)-4-fluoro-N-(2-hydroxyethoxy)-1-methyl-1H-benzo[d]imidazole-6-carboxamide.
Description	: Binimetinib (MEK162, ARRY-162, ARRY-438162) is a potent inhibitor of MEK1/2 with IC ₅₀ of 12 nM in a cell-free assay. Phase 3.
Pathway	: MAPK/ERK Signaling
Target	: MEK
Receptor	: MEK
Solubility	: DMSO: 88 mg/mL (199.44 mM)
SMILES	: <chem>O=C(C1=C(NC2=CC=C(Br)C=C2F)C(F)=C3N=CN(C)C3=C1)NOCCO</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. SS Bhagwat, et al. Annu Rep Med Chem, 2007, 42, 265–278.