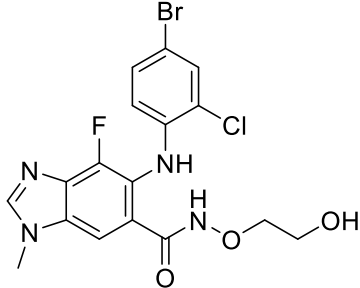




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
200300	Selumetinib	TZC60223

Chemical name	
6-[(4-bromo-2-chlorophenyl)amino]-7-fluoro-N-(2-hydroxyethoxy)-3-methylbenzimidazole-5-carboxamide	
Synonyms	
AZD6244; AZD-6244; AZD 6244; ARRY-142886; ARRY142886; ARRY142886; ARRY886; ARRY 886; ARRY-886; Selumetinib	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 200300 Name: Selumetinib CAS#: 606143-52-6 Lot#: TZC60223 Chemical Formula: C ₁₇ H ₁₅ BrClFN ₄ O ₃ Exact Mass: 456.00001 Molecular Weight: 457.68

Analysis item	Specifications / Results
Appearance	White to off white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>99.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 3 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE