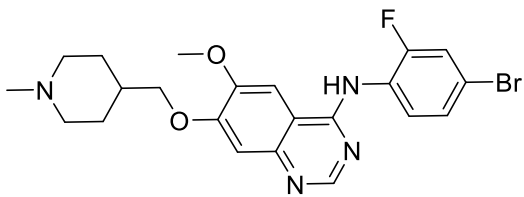




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
203100	Vandetanib	TZC10725

Chemical name	
N-(4-bromo-2-fluorophenyl)-6-methoxy-7-[(1-methylpiperidin-4-yl)methoxy]quinazolin-4-amine	
Synonyms	
AZD-6474; AZD 6474; AZD6474; ZD6474; ZD 6474; ZD-6474; CHEBI:38942; vandetanib; Brand name: Zactim; caprelsa	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 203100 Name: Vandetanib CAS#: 443913-73-3 Lot#: TZC10725 Chemical Formula: C ₂₂ H ₂₄ BrFN ₄ O ₂ Exact Mass: 474.10667 Molecular Weight: 475.35

Analysis item	Specifications / Results
Appearance	Yellow 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