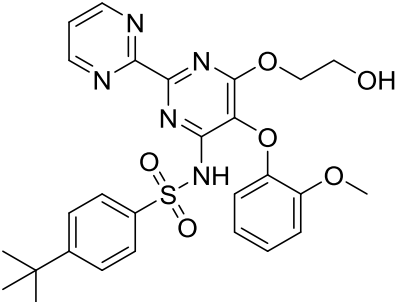




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
317331	Bosentan	C8M05C23

Chemical name	
4-tert-butyl-N-[6-(2-hydroxyethoxy)-5-(2-methoxyphenoxy)-2-pyrimidin-2-ylpyrimidin-4-yl]benzenesulfonamide	
Synonyms	
Bosentan; bosentan anhydrous; bosentan monohydrate; Ro 47-0203; Ro-47-0203; Tracleer; Ro-47-0203	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 317331 Name: Bosentan CAS#: 147536-97-8 (free) Lot#: C8M05C23 Chemical Formula: C ₂₇ H ₂₉ N ₅ O ₆ S Exact Mass: 551.18385 Molecular Weight: 551.61

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)	>98.0%
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 5 years if properly stored.

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