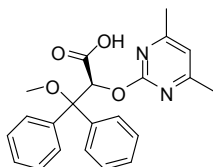




Certificate of Analysis

Axon Catalogue ID: 1648 **Batch Number:** 1
Product Name: Ambrisentan
Alternative Name(s): BSF 208075; Letairis; Volibris
IUPAC Name: (S)-2-(4,6-dimethylpyrimidin-2-yloxy)-3-methoxy-3,3-diphenylpropanoic acid

Structure:



Amount:

CAS number: 177036-94-1
Batch Molecular Formula: C₂₂H₂₂N₂O₄ **Batch MW:** 378.42
Appearance: Off-white Solid **Observed m.p.:** Decomp >170°C
TLC (R_f): 0.5 9:1 Dichloromethane/Methanol
Chemical Purity: 99.7% **Wavelength for purity check:** 262 nm
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Not available

Storage Conditions: Store at <4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.00		No solubility after heating
	1eq. NaOH			
	1eq. HCl	0.00		Very soluble
	DMSO	40.00	105.70	
	EtOH			

Remarks:

Quality controller: E.S.Vermeulen, PhD **Date:** 11-3-2011

The purity of Axon products is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only