

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB3248	
Compound name	Kertogenin	
Chemical name	2-(((1,1'-Biphenyl)-4-ylamino)carbonyl)benzoic acid	
Batch number	E1186-1-1	
Batch molecular formula	C ₂₀ H ₁₅ NO ₃ ·0.75H ₂ O	
Batch molecular weight	330.85	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 98.5%
NMR	¹ H NMR at 300 MHz consistent with structure	Meets specification
Mass spectrum	Analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
TLC	TLC analysis in 10% MeOH/DCM shows one spot under uv	Meets specification: R _f =0.4
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in 0.1M NaOH (20 mM) and in DMSO (100 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

27-09-19

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.