

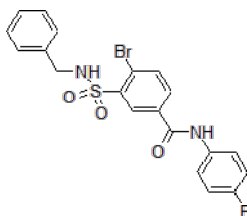
Certificate of Analysis



Product Identification

Catalog number HB5647
Compound name RS-1
Chemical name 4-Bromo-N-(4-bromophenyl)-3-[[[(phenylmethyl)amino]sulfonyl]benzamide

Batch number E0484-4-7
Batch molecular formula C₂₀H₁₆Br₂N₂O₃S
Batch molecular weight 524.23



Chemical Structure

Method

QC requirement

QC Result

HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 100% by HPLC
NMR	1H NMR in DMSO at 400 MHz consistent with structure	Meets specification
Mass spectrum	MALDI positive analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
TLC	TLC analysis in DCM shows one spot under uv	Meets specification: R _f =0.50
Physical appearance	Yellow to brown solid	Meets specification: Brown Solid
Solubility	Soluble in DMSO (100 mM)	Meets specification

Biological validation

Produced by Huw Davies

Signature

Passed by Steve Roome

Signature

Date

05-12-16

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