

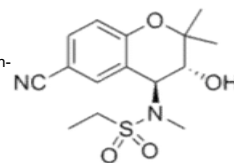
Certificate of Analysis



Product Identification

Catalog number HB0988
Compound name Chromanol 293B
Chemical name trans-N-[6-Cyano-3,4-dihydro-3-hydroxy-2,2-dimethyl-2H-1-benzopyran-4-yl]-N-methyl-ethanesulfonamide
Batch number E2109-1-1
Batch molecular formula C₁₅H₂₀N₂O₄S
Batch molecular weight 324.39

Chemical Structure



Method

QC requirement

QC Result

HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.2%
NMR	1H NMR consistent with structure	Meets specification
Mass spectrum	MS analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
TLC	TLC analysis in 5% MeOH/DCM shows one spot under uv	Meets specification: R _f =0.71
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO (50 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

11/10/2022

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