

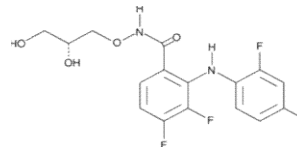
Certificate of Analysis



Product Identification

Catalog number HB2240
Compound name PD 0325901
Chemical name N-[(2R)-2,3-Dihydroxypropoxy]-3,4-difluoro-2-[(2-fluoro-4-iodophenyl)amino]-benzamide
Batch number E0458-5-4
Batch molecular formula C₁₆H₁₄F₃N₂O₄·0.2H₂O
Batch molecular weight 485.80

Chemical Structure



Method

QC requirement

QC Result

HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.4%
NMR	1H NMR in DMSO at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray 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 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 DMSO (25 mM)	Meets specification

Biological validation

Produced by

Signature

Passed by

Signature

Date

25-05-18

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