

Certificate of Analysis

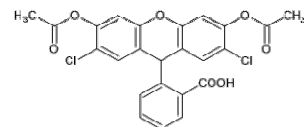


Product Identification

Catalog number HB8322
Compound name H2DCFDA
Chemical name 2-[3,6-Bis(acetyloxy)-2,7-dichloro-9H-xanthen-9-yl]benzoic acid

Batch number E2375-1-1
Batch molecular formula $C_{24}H_{16}Cl_2O_7$
Batch molecular weight 487.29

Chemical Structure



Method

QC requirement

QC Result

HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 95.3%
NMR	1H NMR consistent with structure	Meets specification
Physical appearance	White to off-white solid	Meets specification: Off-white solid

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

25/08/2023

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