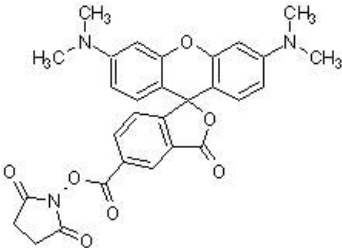


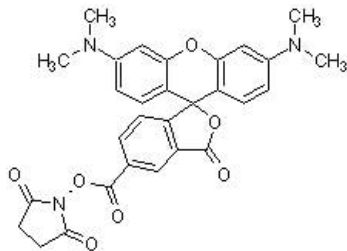
Product datasheet

5-TAMRA N-succinimidyl ester (5-Carboxy-tetramethylrhodamine N-succinimidyl ester) ab145433

1 Image

Overview

Product name	5-TAMRA N-succinimidyl ester (5-Carboxy-tetramethylrhodamine N-succinimidyl ester)
Description	Amine-reactive fluorescent probe
Biological description	Amine-reactive fluorescent probe. 5-TAMRA (ab145438) derivative. 6-TAMRA N-succinimidyl ester (ab145334) isomer. Suitable for applications as an enzyme substrate, molecular probe, molecular beacons and FRET partner.
Purity	> 97%
CAS Number	150810-68-7
Chemical structure	



Properties

Excitation	565nm
Emission	580nm
Chemical name	5-Carboxytetramethylrhodamine <i>N</i> -succinimidyl ester
Molecular weight	527.52
Molecular formula	C ₂₉ H ₂₅ N ₃ O ₇
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room

temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

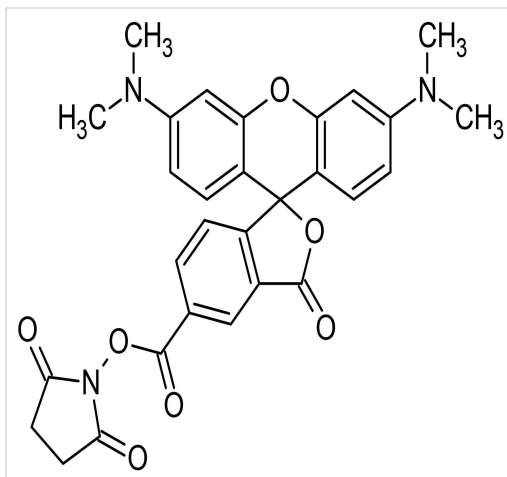
SMILES

CN(C)c5cc6Oc1cc(ccc1C3(OC(=O)c2cc(ccc23)C(=O)ON4C(=O)CCC4=O)c6cc5)N(C)C

Source

Synthetic

Images



2D chemical structure image of ab145433, 5-TAMRA N-succinimidyl ester (5-Carboxy-tetramethylrhodamine N-succinimidyl ester)

Chemical Structure - 5-TAMRA N-succinimidyl ester
(5-Carboxy-tetramethylrhodamine N-succinimidyl ester) (ab145433)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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