

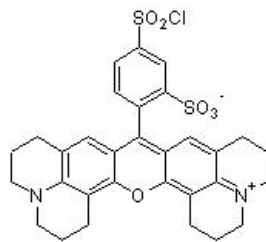
Product datasheet

Sulforhodamine 101 acid chloride, amine-reactive rhodamine dye ab145302

1 Image

Overview

Product name	Sulforhodamine 101 acid chloride, amine-reactive rhodamine dye
Description	Long wavelength amine-reactive rhodamine dye.
Biological description	Long wavelength red fluorescent amine-reactive rhodamine dye, also known as Texas Red. Useful for histological staining as well as in cell sorting experiments with fluorescent-activated cell sorting machines (FACS).
Purity	> 95%
CAS Number	82354-19-6
Chemical structure	



Properties

Excitation	583nm
Emission	603nm
Molecular weight	625.15
Molecular formula	C ₃₁ H ₂₉ ClN ₂ O ₆ S ₂
PubChem identifier	452705
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Do not dissolve 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.

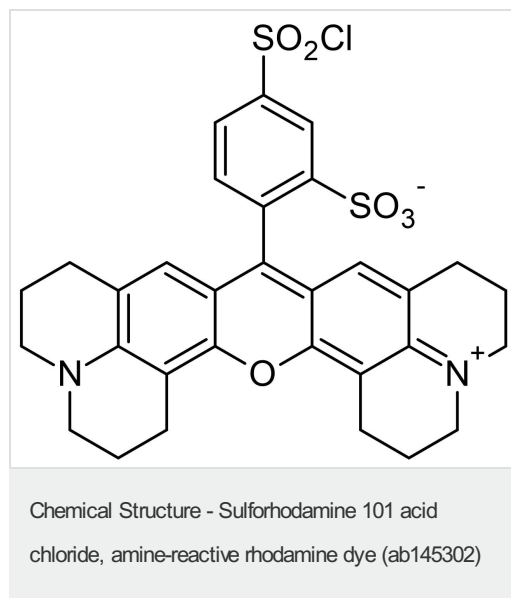
SMILES

C1CC2=CC3=C(C4=C2N(C1)CCC4)OC5=C6CCC[N+]7=C6C(=CC5=C3C8=C(C=C(C=C8)S(=O)(=O)Cl)S(=O)(=O)[O-])CCC7

Source

Synthetic

Images



2D chemical structure image of ab145302, Sulforhodamine 101 acid chloride, amine-reactive rhodamine dye

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

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