

680SIR

Chemical Properties

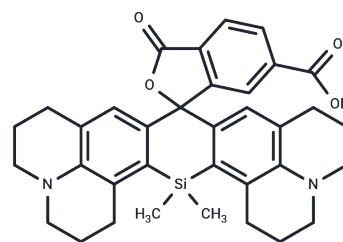
CAS No. :

Formula: C₃₅H₃₆N₂O₄Si

Molecular Weight: 576.77

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	680SIR is a fluorescent probe for near-IR live-cell super-resolution imaging.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7338 mL	8.669 mL	17.3379 mL
5 mM	0.3468 mL	1.7338 mL	3.4676 mL
10 mM	0.1734 mL	0.8669 mL	1.7338 mL
50 mM	0.0347 mL	0.1734 mL	0.3468 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Butkevich AN, Ta H, Ratz M, Stoldt S, Jakobs S, Belov VN, Hell SW. Two-Color 810 nm STED Nanoscopy of Living Cells with Endogenous SNAP-Tagged Fusion Proteins. ACS Chem Biol. 2018 Feb 16;13(2):475-480. doi: 10.1021

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