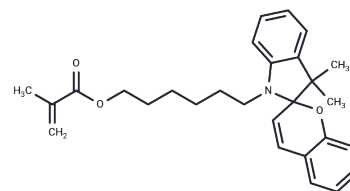


Spiropyran hexyl methacrylate

Chemical Properties

CAS No. : 2522597-48-2
Formula: C₂₈H₃₃NO₃
Molecular Weight: 431.576
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Spiropyran hexyl methacrylate is a compound utilized to create a spiropyran-based polymeric hydrogel, specifically to enable light-activated mechanical actuation.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3171 mL	11.5853 mL	23.1707 mL
5 mM	0.4634 mL	2.3171 mL	4.6341 mL
10 mM	0.2317 mL	1.1585 mL	2.3171 mL
50 mM	0.0463 mL	0.2317 mL	0.4634 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

Chuang Li, et al. Supramolecular-covalent hybrid polymers for light-activated mechanical actuation. Nat Mater. 2020 Aug;19(8):900-909.

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