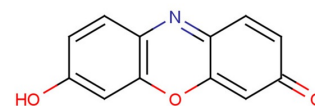


Resorufin

Chemical Properties

CAS No.:	635-78-9
Formula:	C ₁₂ H ₇ NO ₃
Molecular Weight:	213.19
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Resorufin (NSC 12097) is a highly fluorescent pink dye.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.691 mL	23.453 mL	46.907 mL
5 mM	0.938 mL	4.691 mL	9.381 mL
10 mM	0.469 mL	2.345 mL	4.691 mL
50 mM	0.094 mL	0.469 mL	0.938 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Odyniec ML, et al. 'AND'-based fluorescence scaffold for the detection of ROS/RNS and a second analyte. Chem Commun (Camb). 2018 Jul 26;54(61):8466-8469.

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