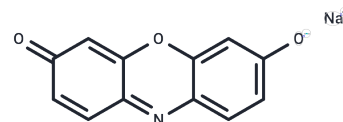


Resorufin sodium salt

Chemical Properties

CAS No. :	34994-50-8
Formula:	C ₁₂ H ₆ NNaO ₃
Molecular Weight:	235.17
Appearance:	no data available
Storage:	keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Resorufin sodium salt (NSC-12097 sodium salt) is a fluorescent pink dye.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 2.35 mg/ml (10 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2522 mL	21.2612 mL	42.5224 mL
5 mM	0.8504 mL	4.2522 mL	8.5045 mL
10 mM	0.4252 mL	2.1261 mL	4.2522 mL
50 mM	0.085 mL	0.4252 mL	0.8504 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

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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