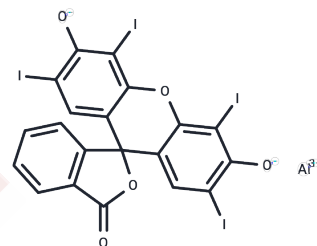


C.I. Pigment Red 172

Chemical Properties

CAS No. :	12227-78-0
Formula:	C ₂₀ H ₆ I ₄ O ₅ .2/3Al
Molecular Weight:	851.86
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	C.I. Pigment Red 172 (C.I. Food Red 14:1) is a food additive.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 20 mg/mL (23.48 mM),Sonication is recommended. Ethanol: < 1 mg/mL (insoluble or slightly soluble) H2O: < 1 mg/mL (insoluble or slightly soluble),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	1.1739 mL	5.8695 mL	11.739 mL
5 mM	0.2348 mL	1.1739 mL	2.3478 mL
10 mM	0.1174 mL	0.587 mL	1.1739 mL
50 mM	0.0235 mL	0.1174 mL	0.2348 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Chikako Hatta, et al. Contact member, drying apparatus, and printing apparatus:WO2022224915A1.

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