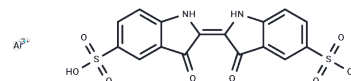


C.I. Food Blue 1-aluminum lake

Chemical Properties

CAS No. : 16521-38-3
Formula: C₁₆H₁₀AlN₂O₈S₂
Molecular Weight: 449.36
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	C.I. Food Blue 1-aluminum lake is a type of colorant.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2254 mL	11.1269 mL	22.2539 mL
5 mM	0.4451 mL	2.2254 mL	4.4508 mL
10 mM	0.2225 mL	1.1127 mL	2.2254 mL
50 mM	0.0445 mL	0.2225 mL	0.4451 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

Tsuji S, Amakura Y, Umino Y, Nishi M, Nakanishi T, Tonogai Y. Structural determination of the subsidiary colors in food blue No. 1 (brilliant blue FCF) aluminum lake detected by paper chromatography. Shokuhin Eiseigaku Zasshi.

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