

Sincalide ammonium

Chemical Properties

CAS No.:	70706-98-8
Formula:	C ₄₉ H ₆₅ N ₁₁ O ₁₆ S ₃
Molecular Weight:	1160.3
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Sincalide ammonium (Cholecystokinin octapeptide ammonium) is a rapid-acting amino acid polypeptide hormone analogue of cholecystokinin (CCK) for intravenous use in postevacuation cholecystography.
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Solubility Information

Solubility	H ₂ O: 12.5 mg/mL (10.77 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.862 mL	4.309 mL	8.618 mL
5 mM	0.172 mL	0.862 mL	1.724 mL
10 mM	0.086 mL	0.431 mL	0.862 mL
50 mM	0.017 mL	0.086 mL	0.172 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. Maher KA. Kinevac (sincalide for injection)/Squibb Diagnostics. Gastroenterol Nurs. 1991 Oct;14(2):98-100.

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