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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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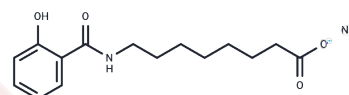
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Salcaprozate sodium

Chemical Properties

CAS No. :	203787-91-1
Formula:	C ₁₅ H ₂₀ NNaO ₄
Molecular Weight:	301.32
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Salcaprozate sodium (SNAC), an oral absorption promoter, serves as a potent delivery agent for oral heparin and insulin by enhancing passive transcellular permeation through small intestinal epithelia. This is achieved through its capability to increase lipophilicity via non-covalent macromolecule complexation.
Targets(IC50)	Others
In vitro	Salcaprozate sodium(SNAC ;12.5-400 µg/mL;?24 h) has no toxicity to Caco-2 cells, and the survival percentage is above 90% when SNAC is 200 µg/mL.?SNAC (50 and 200 µg/mL) improves the apparent permeability coefficient (Papp) of RA and SA-B by 2.14-fold and 3.68-fold compared with the Papp of SAs solution[1].

Solubility Information

Solubility	DMSO: 100 mg/mL (331.88 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	3.3187 mL	16.5937 mL	33.1873 mL
5 mM	0.6637 mL	3.3187 mL	6.6375 mL
10 mM	0.3319 mL	1.6594 mL	3.3187 mL
50 mM	0.0664 mL	0.3319 mL	0.6637 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

Li Y, et, al. Impact of Sodium N-[8-(2-Hydroxybenzoyl)amino]-caprylate on Intestinal Permeability for Notoginsenoside R1 and Salvianolic Acids in Caco-2 Cells Transport and Rat Pharmacokinetics. Molecules. 2018

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