

## Simethicone

## Chemical Properties

CAS No. :	8050-81-5
Formula:	(C <sub>2</sub> H <sub>6</sub> OSi) <sub>n</sub> (SiO <sub>2</sub> ) <sub>m</sub>
Molecular Weight:	
Storage:	Pure form: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Simethicone (Disflatyl), an oral anti-foaming agent, can be used to reduce bloating, pain and discomfort caused by excess gas in the stomach or intestinal tract.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Reference

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Kump P, Hassan C, Spada C, Brownstone E, Datz C, Haefner M, Renner F, Schoefl R, Schreiber F. Efficacy and safety of a new low-volume PEG with citrate and simethicone bowel preparation for colonoscopy (Clensia): a multicenter randomized observer-blind clinical trial vs. a low-volume PEG with ascorbic acid (PEG-ASC). *Endosc Int Open.* 2018 Aug;6(8):E907-E913. doi: 10.1055/a-0624-2266. Epub 2018 Aug 1. PubMed PMID: 30083580; PubMed Central PMCID: PMC6070370.

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