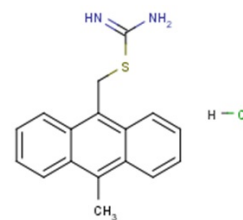


NSC 146109 hydrochloride

Chemical Properties

CAS No.: 59474-01-0
Formula: C₁₇H₁₇ClN₂S
Molecular Weight: 316.85
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	NSC 146109 hydrochloride is an activator of small-molecule p53 that target MDMX and could be of value in treating breast cancer.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.156 mL	15.78 mL	31.561 mL
5 mM	0.631 mL	3.156 mL	6.312 mL
10 mM	0.316 mL	1.578 mL	3.156 mL
50 mM	0.063 mL	0.316 mL	0.631 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. Wang H, et al. A small-molecule p53 activator induces apoptosis through inhibiting MDMX expression in breast cancer cells. Neoplasia. 2011 Jul;13(7):611-9.

Inhibitors · Natural Compounds · Compound Libraries

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