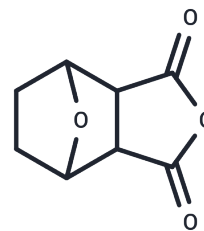


## Norcantharidin

## Chemical Properties

CAS No. :	5442-12-6
Formula:	C <sub>8</sub> H <sub>8</sub> O <sub>4</sub>
Molecular Weight:	168.15
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Norcantharidin (Norcantharadine) is a synthetic anticancer compound which is a dual inhibitor for c-Met and EGFR in human colon cancers.
Targets(IC50)	EGFR,c-Met/HGFR

## Solubility Information

Solubility	DMSO: 55 mg/mL (327.09 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	5.9471 mL	29.7354 mL	59.4707 mL
5 mM	1.1894 mL	5.9471 mL	11.8941 mL
10 mM	0.5947 mL	2.9735 mL	5.9471 mL
50 mM	0.1189 mL	0.5947 mL	1.1894 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

Yuan X, et al. Pharmacology. 2015;95(1-2):1-9.

Hou J, Mei K, Wang D, et al.TGM1/3-mediated transamidation of Exo70 promotes tumor metastasis upon LKB1 inactivation.Cell Reports.2024, 43(8).

Norcantharidin overcomes vemurafenib resistance in melanoma by inhibiting pentose phosphate pathway and lipogenesis via downregulating the mTOR pathway

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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