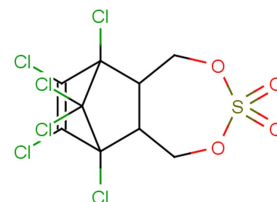


## Trofosfamide

## Chemical Properties

CAS No.:	22089-22-1
Formula:	C <sub>9</sub> H <sub>18</sub> Cl <sub>3</sub> N <sub>2</sub> O <sub>2</sub> P
Molecular Weight:	323.58
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Trofosfamide is an orally bioavailable derivative of oxazaphosphorine.
Targets(IC <sub>50</sub> )	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	3.09 mL	15.452 mL	30.904 mL
5 mM	0.618 mL	3.09 mL	6.181 mL
10 mM	0.309 mL	1.545 mL	3.09 mL
50 mM	0.062 mL	0.309 mL	0.618 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. Witte HM, et al. Trofosfamide in the treatment of elderly or frail patients with diffuse large B-cell lymphoma. *J Cancer Res Clin Oncol*. 2019 Jan;145(1):129-136.
2. Görn M, et al. A pilot study of docetaxel and trofosfamide as second-line 'metronomic' chemotherapy in the treatment of metastatic non-small cell lung cancer (NSCLC). *Onkologie*. 2008 Apr;31(4):185-9.

Inhibitors · Natural Compounds · Compound Libraries

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