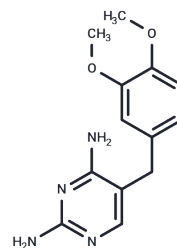


## Diaveridine

## Chemical Properties

CAS No. :	5355-16-8
Formula:	C <sub>13</sub> H <sub>16</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	260.29
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Diaveridine (AI3-23935) (DVD) is a popular antibacterial synergist that is widely used in combination with sulfonamide. It has been reported to be genotoxic to mammalian cells, but more studies are required to clarify this.
Targets(IC50)	Antifolate,Antibacterial,DHFR

## Solubility Information

Solubility	DMSO: 7.5 mg/mL (28.81 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	3.8419 mL	19.2093 mL	38.4187 mL
5 mM	0.7684 mL	3.8419 mL	7.6837 mL
10 mM	0.3842 mL	1.9209 mL	3.8419 mL
50 mM	0.0768 mL	0.3842 mL	0.7684 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

Ono T, et al. Environ Toxicol Pharmacol. 1997 Sep;3(4):297-306.

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