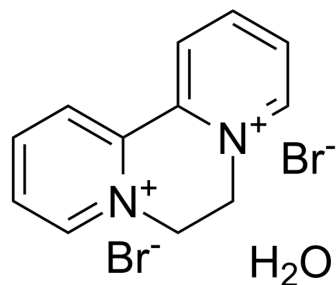


## Diquat dibromide hydrate

Cat. No.:	HY-136372
CAS No.:	6385-62-2
Molecular Formula:	C <sub>12</sub> H <sub>14</sub> Br <sub>2</sub> N <sub>2</sub> O
Molecular Weight:	362.06
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 125 mg/mL (345.25 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.7620 mL	13.8099 mL	27.6197 mL
	5 mM	0.5524 mL	2.7620 mL	5.5239 mL
	10 mM	0.2762 mL	1.3810 mL	2.7620 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Diquat dibromide hydrate is a diazine-like herbicide including two nitrogen atoms<sup>[1]</sup>.

### REFERENCES

[1]. Liu SS, et, al. Combined photobacterium toxicity of herbicide mixtures containing one insecticide. Chemosphere. 2009 Apr;75(3):381-8.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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