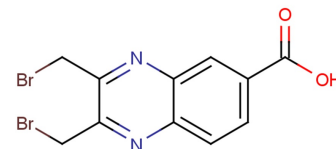


## 6-Quinoxalinecarboxylic acid, 2,3-bis(bromomethyl)-

## Chemical Properties

CAS No.:	32602-11-2
Formula:	C <sub>11</sub> H <sub>8</sub> Br <sub>2</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	360
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	6-Quinoxalinecarboxylic acid, 2,3-bis(bromomethyl)-, derived from 2,3-Bis(bromomethyl)quinoxaline, shows antibacterial activity.
Targets(IC <sub>50</sub> )	Others: None

## Solubility Information

Solubility	DMSO: 100 mg/mL (277.78 mM) ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.778 mL	13.889 mL	27.778 mL
5 mM	0.556 mL	2.778 mL	5.556 mL
10 mM	0.278 mL	1.389 mL	2.778 mL
50 mM	0.056 mL	0.278 mL	0.556 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. Ishikawa H, et al. Synthesis and antimicrobial activity of 2,3-bis(bromomethyl)quinoxaline derivatives. Bioorg Chem. 2012 Apr-Jun;41-42:1-5.

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