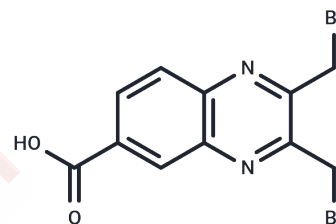


6-Quinoxalinecarboxylic acid, 2,3-bis(bromomethyl)-

Chemical Properties

CAS No. :	32602-11-2
Formula:	C ₁₁ H ₈ Br ₂ N ₂ O ₂
Molecular Weight:	360.00
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	6-Quinoxalinecarboxylic acid, 2,3-bis(bromomethyl)-, derived from 2,3-Bis(bromomethyl)quinoxaline, displays antibacterial properties.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 100 mg/mL (277.78 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	2.7778 mL	13.8889 mL	27.7778 mL
5 mM	0.5556 mL	2.7778 mL	5.5556 mL
10 mM	0.2778 mL	1.3889 mL	2.7778 mL
50 mM	0.0556 mL	0.2778 mL	0.5556 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

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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