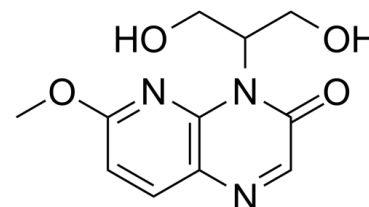


Data Sheet

Product Name:	β-Lactamase-IN-1
Cat. No.:	CS-5920
CAS No.:	1075237-97-6
Molecular Formula:	C ₁₁ H ₁₃ N ₃ O ₄
Molecular Weight:	251.24
Target:	Bacterial
Pathway:	Anti-infection
Solubility:	DMSO : ≥ 32 mg/mL (127.37 mM)



BIOLOGICAL ACTIVITY:

β-Lactamase-IN-1 is an inhibitor of **β-Lactamase** extracted from patent WO2016027249A1, page 77. β-Lactamase-IN-1 can be used to prepare of tricyclic nitrogen containing compound. β-Lactamase-IN-1 can be used for the research of neisseria gonorrhoea infection [1]. **In Vitro:** β-Lactamase-IN-1 can be used to prepare of tricyclic nitrogen containing compound which is an antibacterial agent^[1].

References:

[1]. Widdowson KL. Tricyclic nitrogen containing compounds for treating neisseria gonorrhoea infection. WO2016027249A1.

CAIndexNames:

Pyrido[2,3-b]pyrazin-3(4H)-one, 4-[2-hydroxy-1-(hydroxymethyl)ethyl]-6-methoxy-Pyrido[2,3-b]pyrazin-3(4H)-one, 4-[2-hydroxy-1-(hydroxymethyl)ethyl]-6-methoxy-

SMILES:

O=C1C=NC2=C(N=C(OC)C=C2)N1C(CO)CO

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

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA