



Product Information

Antifection inhibitor Carsalam, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ057

Size: 100 mg; 250 mg; 500 mg; 1000 mg

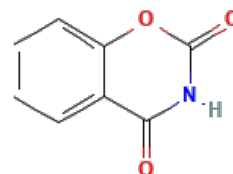
MDL: MFCD00600566

CAS Number: 2037-95-8

Compound CID: 16258

Synonym: 2037-95-8; Antifection inhibitor; Carbonylsalicylamide

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Carsalam, soluble in DMSO and ethanol and insoluble in water, has strong immunosuppressant properties.
Molecular Weight	163.13
Molecular Formula	C ₈ H ₅ O ₃
IUPAC Name	1,3-Benzoxazine-2,4-dione
InChI	InChI=1S/C8H5NO3/c10-7-5-3-1-2-4-6(5)12-8(11)9-7/h1-4H,(H,9,10,11)
InChI Key	OAYRYNVEFFWSHK-UHFFFAOYSA-N
Canonical SMILES	C1=CC=C2C(=C1)C(=O)NC(=O)O2
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 29 mg/mL (177.77 mM); Water: Insoluble; Ethanol: 2 mg/mL (12.26 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	Carsalam is used in research contexts focusing on its potential as a therapeutic agent, especially in the study of antibacterial applications.
Storage	Store at -20°C, and keep desiccated.