



Product Information

MMP inhibitor T-26c, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ741

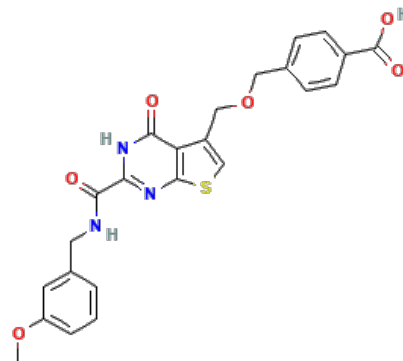
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 869296-13-9

Compound CID: 11525848

Synonym: 869296-13-9; MMP inhibitor; T26c; T 26c

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



Product Information

Description	T-26c, soluble in DMSO and insoluble in ethanol and water, inhibits MMPs, enzymes that degrade extracellular matrix components, thus having potential therapeutic applications in cancer and chronic inflammatory diseases.
Molecular Weight	479.51
Molecular Formula	C ₂₄ H ₂₁ N ₃ O ₆ S
IUPAC Name	4-[[2-[(3-Methoxyphenyl)methylcarbamoyl]-4-oxo-3H-thieno[2,3-d]pyrimidin-5-yl]methoxymethyl]benzoic acid
InChI	InChI=1S/C24H21N3O6S/c1-32-18-4-2-3-15(9-18)10-25-22(29)20-26-21(28)19-17(13-34-23(19)27-20)12-33-11-14-5-7-16(8-6-14)24(30)31/h2-9,13H,10-12H2,1H3,(H,25,29)(H,30,31)(H,26,27,28)
InChI Key	CDQRRIUMNLMHRH-UHFFFAOYSA-N
Canonical SMILES	COC1=CC=CC(=C1)CNC(=O)C2=NC3=C(C(=CS3)COCC4=CC=C(C(=C4)C(=O)O)C(=O)N2
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 36 mg/mL (75.07 mM); Water: Insoluble; Ethanol: Insoluble
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	T-26c is an MMP inhibitor utilized in research to explore its inhibitory effects on matrix metalloproteinases, enzymes linked with cancer progression and tissue degradation.



Storage

Store at -20°C, and keep desiccated.
