

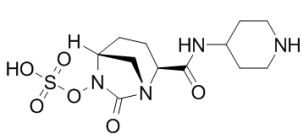
Certificate of Analysis

Target	Inhibitors & Agonists>>Antibiotics and Antivirals>>Bacterial
Cat.No	DC10441
Name	Relebactam

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Chemical Properties

CAS	1174018-99-5
Formula	C ₁₂ H ₂₀ N ₄ O ₆ S
MW	348.37
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of Relebactam is a bicyclic beta-lactam. It features a 5-membered beta-lactam ring fused to a 6-membered ring. The 5-membered ring has a sulfonamide group (-SO₂NH₂) at the 2-position and a carbonyl group (=O) at the 3-position. The 6-membered ring has a piperidine ring attached at the 4-position via a carbonyl group (-C(=O)-NH-). The piperidine ring is a six-membered saturated heterocycle with one nitrogen atom.</p>
Purity	>98%

Website:
www.dcchemicals.com