

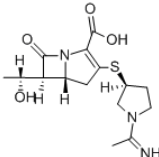
Certificate of Analysis

Target	Inhibitors & Agonists>>Others>>Other Targets
Cat.No	DC8201
Name	Panipenem

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Chemical Properties

CAS	87726-17-8
Formula	C ₁₅ H ₂₁ N ₃ O ₄ S
MW	339.41
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of Panipenem is a penamycinam derivative. It features a penam nucleus (a five-membered beta-lactam ring fused to a five-membered thiazolidine ring) with a carboxylic acid group at the 2-position and a piperidine ring at the 6-position. The piperidine ring is substituted with a methylamino group at the 2-position. Stereochemistry is indicated with wedges and dashes at the 3 and 4 positions of the penam nucleus.</p>
Purity	>98%

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