

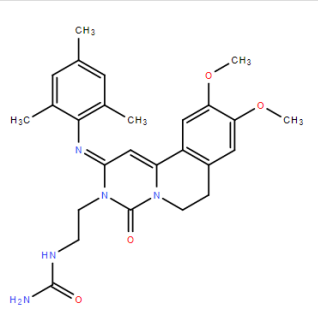
Certificate of Analysis

Target	Inhibitors & Agonists>>Metabolic Enzyme/Protease>>Phosphodiesterase (PDE)
Cat.No	DC11671
Name	RPL-554

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Chemical Properties

CAS	298680-25-8
Formula	C ₂₆ H ₃₁ N ₅ O ₄
MW	477.554
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of RPL-554 is a complex heterocyclic molecule. It features a central pyrimidopyrimidinone ring system. One nitrogen atom is substituted with a 2-aminoethyl group (-CH₂-CH₂-NH₂). Another nitrogen atom is substituted with a 2-(3,4,5-trimethylphenyl)ethyl group. The third nitrogen atom is substituted with a 2-(3,4-dimethoxyphenyl)ethyl group. The structure is shown in a 2D representation with atoms colored: carbon in grey, nitrogen in blue, oxygen in red, and hydrogen in white.</p>
Purity	>98%

Website:
www.dcchemicals.com