


Certificate of Analysis

Target	Inhibitors & Agonists>>GPCR>>Adenosine Receptor
Cat.No	DC10946
Name	TP455

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Chemical Properties

CAS	2042563-95-9
Formula	C ₁₇ H ₁₅ N ₅ O ₂ S
MW	353.4
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of TP455 is a complex heterocyclic molecule. It features a central pyrimidopyrimidinone ring system. One nitrogen atom in the pyrimidine ring is substituted with an amino group (-NH₂). Another nitrogen atom in the pyrimidine ring is connected via a methylene bridge (-CH₂-) to a benzene ring. The benzene ring has a methoxy group (-OCH₃) at the ortho position. The pyrimidinone ring is further substituted with a thiophene ring at the 2-position.</p>
Purity	>98%

Website:
www.dcchemicals.com