

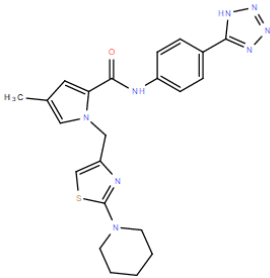
Certificate of Analysis

Target	Inhibitors & Agonists>>Cytoskeleton/Cell Adhesion Molecules>>Dynamin
Cat.No	DC10919
Name	DRP1 inhibitor 4

Tel: +86-21-58447131
Fax: +86-21-61642470

Email:
sales@dcchemicals.com
order@dcchemicals.com

Chemical Properties

CAS	
Formula	C ₂₂ H ₂₄ N ₈ O ₅
MW	448.549
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure shows a central benzimidazole ring system. One nitrogen of the benzimidazole is substituted with a methyl group (H₃C). The other nitrogen is connected via a methylene group (-CH₂-) to a thiazole ring. The thiazole ring is further substituted with a piperidine ring. The benzimidazole ring is also substituted with a benzamide group (-NH-C(=O)-C₆H₄-N₃), where the benzamide nitrogen is connected to a benzene ring, which is in turn connected to a 1,2,4-triazole ring.</p>
Purity	>98%

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www.dcchemicals.com