

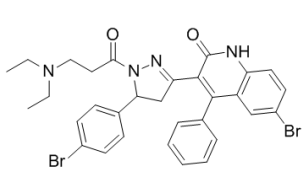
Certificate of Analysis

Target	Inhibitors & Agonists>>Cell Cycle/DNA Damage>>PERK
Cat.No	DC12283
Name	CCT020312

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Chemical Properties

CAS	324759-76-4
Formula	C ₃₁ H ₃₀ Br ₂ N ₄ O ₂
MW	650.4
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of CCT020312 is a complex heterocyclic molecule. It features a central benzimidazole ring system. One nitrogen atom of the benzimidazole is substituted with a diethylaminoethyl group (-CH₂-CH₂-N(CH₂CH₃)₂). The 2-position of the benzimidazole is substituted with a 4-bromophenyl group. The 4-position of the benzimidazole is substituted with a 2-phenyl-5-bromophenyl group. The 5-position of the benzimidazole is substituted with a 4-bromophenyl group. The 6-position of the benzimidazole is substituted with a 4-bromophenyl group.</p>
Purity	>98%

Website:
www.dcchemicals.com