

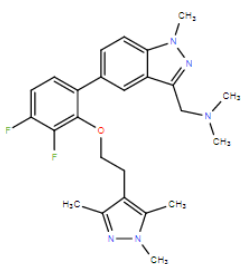
Certificate of Analysis

Target	Products>>Novel inhibitors
Cat.No	DC10806
Name	IMP-1088

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Chemical Properties

CAS	2059148-82-0
Formula	C ₂₅ H ₂₉ F ₂ N ₅ O
MW	453.23
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of IMP-1088 is a complex molecule. It features a central benzimidazole ring system. One of the benzimidazole nitrogens is substituted with a methyl group (CH₃). The benzimidazole ring is connected via a methylene bridge (-CH₂-) to a secondary amine group (-N(CH₂)₂-). This secondary amine is further connected to a 1,2,4-triazole ring, which has methyl groups (CH₃) at the 3 and 5 positions. The 1,2,4-triazole ring is also connected via a methylene bridge (-CH₂-) to a 2,6-difluorophenyl ring. The 2,6-difluorophenyl ring has two fluorine atoms (F) at the 2 and 6 positions.</p>
Purity	>98%

Website:
www.dcchemicals.com