

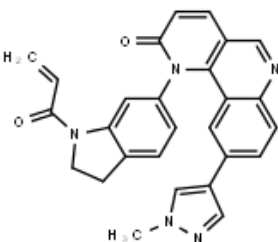
Certificate of Analysis

Target	Inhibitors & Agonists>>Others>>Other Targets
Cat.No	DC23963
Name	QL-47

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Chemical Properties

CAS	1469988-75-7
Formula	C ₂₇ H ₂₁ N ₅ O ₂
MW	447.4879
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of QL-47 is a complex polycyclic molecule. It features a central benzimidazole ring system. One of the benzimidazole nitrogens is substituted with a 2-methyl-2-propenyl group (an allyl group). The other benzimidazole nitrogen is substituted with a 2-methyl-1H-imidazol-5-yl group. The benzimidazole core is further substituted with a 2-methyl-1H-imidazol-5-yl group and a 2-methyl-2-propenyl group. The structure is shown in a 2D representation with methyl groups explicitly labeled as H₃C.</p>
Purity	>98%

Website:
www.dcchemicals.com