

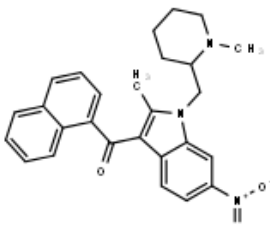
Certificate of Analysis

Target	Products>>Novel inhibitors
Cat.No	DC20655
Name	AM-1221

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Chemical Properties

CAS	335160-53-7
Formula	C ₂₇ H ₂₇ N ₃ O ₃
MW	441.521
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of AM-1221 is a complex molecule. It features a central benzimidazole ring system. One of the benzimidazole nitrogens is substituted with a propyl chain that terminates in a secondary amine group (-NH-CH₂-CH₂-CH₂-NH-CH₃). The other benzimidazole nitrogen is substituted with a 2-phenylacetyl group (-CO-CH₂-C₆H₅). The 4-position of the benzimidazole ring is substituted with a nitro group (-NO₂).</p>
Purity	>98%

Website:
www.dcchemicals.com