

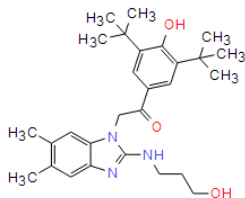
Certificate of Analysis

Target	生物活性小分子>>Others>>Other Targets
Cat.No	DC8849
Name	CID-2858522

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Chemical Properties

CAS	758679-97-9
Formula	C ₂₈ H ₃₉ N ₃ O ₃
MW	465.63
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 The chemical structure shows a central benzimidazole core. The benzene ring of the benzimidazole is substituted with two methyl groups (H₃C) at the 6 and 7 positions. The imidazole ring is substituted with a 3-hydroxypropyl group (-NH-CH₂-CH₂-CH₂-OH) at the 2-position and a 4-(2,4,6-trimethylphenyl)-2-hydroxy-1-oxoethyl group (-CH₂-C(=O)-C₆H₂(OH)(CH₃)₃) at the 1-position. The phenyl ring in the side chain has a hydroxyl group (OH) at the 4-position and three methyl groups (CH₃) at the 2, 6, and 7 positions.
Purity	>98%

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www.dcchemicals.com