

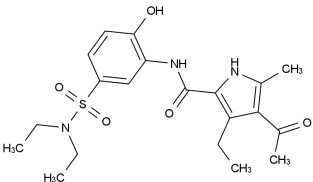
Certificate of Analysis

Target	Inhibitors & Agonists>>Epigenetics>>Bromodomain
Cat.No	DC10066
Name	XD14

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Chemical Properties

CAS	1370888-71-3
Formula	C ₂₀ H ₂₇ N ₃ O ₅ S
MW	421.51
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of XD14 is shown. It consists of a central benzimidazole ring system. One nitrogen of the benzimidazole is substituted with a methyl group (CH₃). The 2-position of the benzimidazole is substituted with a carbonyl group (C=O), which is further substituted with a methyl group (CH₃) and a methylpropylammonium sulfonate group (-N(CH₃)₂CH₂CH₂SO₃⁻). The 5-position of the benzimidazole is substituted with a methyl group (CH₃) and a methyl group (CH₃). The 6-position of the benzimidazole is substituted with a methyl group (CH₃) and a methyl group (CH₃). The 7-position of the benzimidazole is substituted with a methyl group (CH₃) and a methyl group (CH₃). The 8-position of the benzimidazole is substituted with a methyl group (CH₃) and a methyl group (CH₃). The 9-position of the benzimidazole is substituted with a methyl group (CH₃) and a methyl group (CH₃). The 10-position of the benzimidazole is substituted with a methyl group (CH₃) and a methyl group (CH₃).</p>
Purity	>98%

Website:
www.dcchemicals.com