

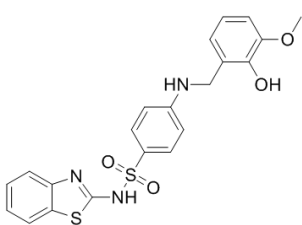
Certificate of Analysis

Target	Inhibitors & Agonists>>Metabolic Enzyme/Protease>>Lipoxygenase
Cat.No	DC10747
Name	ML355

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Chemical Properties

CAS	1532593-30-8
Formula	C ₂₁ H ₁₉ N ₃ O ₄ S ₂
MW	441.52
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of ML355 consists of a benzothiazole ring system. The nitrogen atom of the benzothiazole is substituted with a hydrogen atom (NH). The sulfur atom is also substituted with a hydrogen atom (SH). The benzothiazole ring is connected via a sulfonamide group (-SO₂NH-) to a para-substituted benzene ring. This benzene ring is further substituted with a methylene group (-CH₂-) which is attached to another benzene ring. This second benzene ring is substituted with a hydroxyl group (-OH) and a methoxy group (-OCH₃) at the ortho positions relative to the methylene group.</p>
Purity	>98%

Website:
www.dcchemicals.com