

Certificate of Analysis

Target	Products>>Novel inhibitors
Cat.No	DC31793
Name	Oxtriphylline

Tel: +86-21-58447131

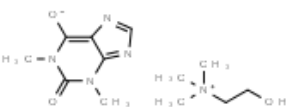
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Chemical Properties

CAS	4499-40-5
Formula	C ₁₂ H ₂₁ N ₅ O ₃
MW	283.3268
Storage	
Structure	 <p>The image shows the chemical structure of Oxtriphylline, which consists of a 5-methyl-2-oxo-1H-imidazo[4,5-b]pyridin-4-ylidene group attached to a 2-(3-hydroxypropyl)propan-1-aminium cation. The imidazole ring is fused to a pyridine ring, and the pyridine ring has a methyl group at the 5-position and a carbonyl group at the 2-position. The imidazole ring is attached to the 4-position of the pyridine ring via a double bond. The nitrogen of the imidazole ring is protonated, forming a cationic species. The counterion is a 2-(3-hydroxypropyl)propan-1-aminium cation, which is a quaternary ammonium salt with a methyl group and a 3-hydroxypropyl group attached to the nitrogen atom.</p>
Purity	

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