

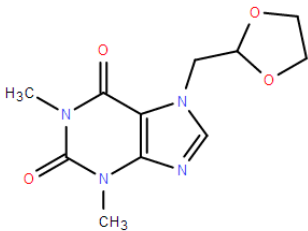
Certificate of Analysis

Target	Inhibitors & Agonists>>Others>>Other Targets
Cat.No	DC9017
Name	Doxofylline

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Chemical Properties

CAS	69975-86-6
Formula	C ₁₁ H ₁₄ N ₄ O ₄
MW	266.25
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of Doxofylline is a fused bicyclic system consisting of a pyrimidin-2,4-dione ring and an imidazole ring. The pyrimidin ring has methyl groups (CH₃) attached to the nitrogen atoms at positions 1 and 3, and carbonyl groups (C=O) at positions 2 and 4. The imidazole ring is fused to the pyrimidin ring at positions 5 and 6, and has a (2R,5R)-1,3-dioxolane-2-ylmethyl group attached to the nitrogen at position 7.</p>
Purity	>98%

Website:
www.dcchemicals.com