

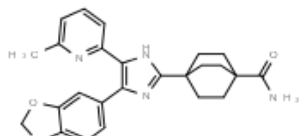
## Certificate of Analysis

Target	Products>>Novel inhibitors
Cat.No	DC32880
Name	SM16

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## Chemical Properties

CAS	614749-78-9
Formula	C <sub>25</sub> H <sub>26</sub> N <sub>4</sub> O <sub>3</sub>
MW	430.508
Storage	
Structure	 <p>The chemical structure of SM16 is a complex molecule. It features a central imidazole ring. One nitrogen of the imidazole is substituted with a 2-chloropyridin-5-yl group. The other nitrogen is substituted with a 2-(2,3-dichlorophenyl)ethyl group. The 2-position of the imidazole ring is also substituted with a 1,2,3,4-tetrahydro-1H-cyclohex-1-yl group. The cyclohexane ring is further substituted with a primary amide group (-NH<sub>2</sub>) and a carbonyl group (=O).</p>
Purity	

**Website:**  
www.dcchemicals.com