

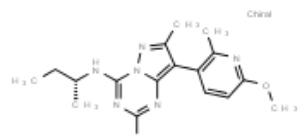
## Certificate of Analysis

Target	Products>>Novel inhibitors
Cat.No	DC20810
Name	Pexacerfont

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## Chemical Properties

CAS	459856-18-9
Formula	C <sub>18</sub> H <sub>24</sub> N <sub>6</sub> O
MW	340.431
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of Pexacerfont is a complex heterocyclic molecule. It features a central benzimidazole ring system. One of the nitrogen atoms in the benzimidazole is substituted with a propyl group (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The benzimidazole ring is fused to a benzene ring. This benzene ring has a methyl group (CH<sub>3</sub>) at the 2-position and a methoxy group (OCH<sub>3</sub>) at the 4-position. The benzimidazole ring also has a methyl group (CH<sub>3</sub>) at the 2-position and another methyl group (CH<sub>3</sub>) at the 4-position. The overall structure is labeled with 'CH<sub>3</sub>' and 'OCH<sub>3</sub>' groups.</p>
Purity	>98%

**Website:**  
www.dcchemicals.com