



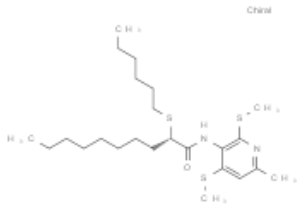
## Certificate of Analysis

Target	Products>>Novel inhibitors
Cat.No	DC71822
Name	CP-113818

**Tel:** +86-21-58447131  
**Fax:** +86-21-61642470

**Email:**  
sales@dcchemicals.com  
order@dcchemicals.com

## Chemical Properties

CAS	135025-12-6
Formula	C <sub>24</sub> H <sub>42</sub> N <sub>2</sub> O <sub>3</sub> S
MW	470.80
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure shows a central benzimidazole ring system. One nitrogen atom of the benzimidazole is substituted with a methyl group (CH<sub>3</sub>). The other nitrogen atom is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 2-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 5-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 7-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 8-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 9-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 10-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 11-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 12-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 13-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 14-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 15-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 16-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 17-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 18-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 19-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 20-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 21-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 22-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 23-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>). The 24-position of the benzimidazole ring is substituted with a propyl chain (CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>).</p>
Purity	>98%

**Website:**  
www.dcchemicals.com