

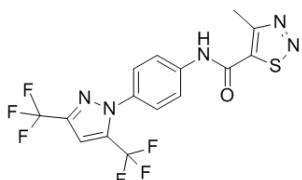
## Certificate of Analysis

Target	生物活性小分子>>Membrane Transporter/Ion Channel>>CRAC Channel
Cat.No	DC9962
Name	YM-58483

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## Chemical Properties

CAS	223499-30-7
Formula	C <sub>15</sub> H <sub>9</sub> F <sub>5</sub> N <sub>5</sub> O <sub>2</sub> S
MW	421.32
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of YM-58483 is a complex molecule. It features a central benzimidazole ring system. One nitrogen atom of the benzimidazole is substituted with a trifluoromethyl group (-CF<sub>3</sub>). The other nitrogen atom is substituted with a 4-(trifluoromethyl)phenyl group. The 2-position of the benzimidazole ring is substituted with a 4-(trifluoromethyl)phenyl group. The 5-position of the benzimidazole ring is substituted with a 4-(trifluoromethyl)phenyl group. The 6-position of the benzimidazole ring is substituted with a 4-(trifluoromethyl)phenyl group. The 7-position of the benzimidazole ring is substituted with a 4-(trifluoromethyl)phenyl group. The 8-position of the benzimidazole ring is substituted with a 4-(trifluoromethyl)phenyl group. The 9-position of the benzimidazole ring is substituted with a 4-(trifluoromethyl)phenyl group. The 10-position of the benzimidazole ring is substituted with a 4-(trifluoromethyl)phenyl group. The 11-position of the benzimidazole ring is substituted with a 4-(trifluoromethyl)phenyl group. The 12-position of the benzimidazole ring is substituted with a 4-(trifluoromethyl)phenyl group. The 13-position of the benzimidazole ring is substituted with a 4-(trifluoromethyl)phenyl group. The 14-position of the benzimidazole ring is substituted with a 4-(trifluoromethyl)phenyl group. The 15-position of the benzimidazole ring is substituted with a 4-(trifluoromethyl)phenyl group.</p>
Purity	>98%

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