

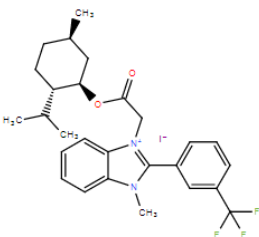
Certificate of Analysis

Target	生物活性小分子>>Others>>Other Targets
Cat.No	DC22332
Name	S-Gboxin

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Chemical Properties

CAS	2101317-21-7
Formula	C ₂₇ H ₃₂ F ₃ IN ₂ O ₂
MW	600.4647
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 The chemical structure of S-Gboxin is a complex molecule. It features a central benzimidazole ring system. One nitrogen of the imidazole ring is substituted with a methyl group (CH₃). The other nitrogen is part of a five-membered ring that includes an oxygen atom and a carbonyl group (C=O). This five-membered ring is further substituted with a cyclohexyl group (a six-membered carbon ring) and a methyl group (CH₃). The benzimidazole system is also substituted with a 4-(trifluoromethyl)phenyl group (a benzene ring with a CF₃ group at the para position). The overall structure is shown with stereochemistry, including wedged and dashed bonds to indicate the 3D arrangement of atoms.
Purity	>98%

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