



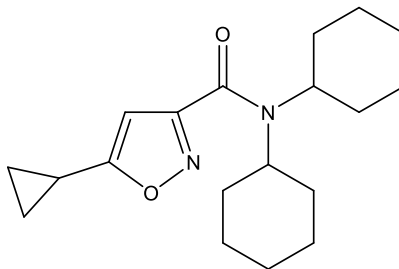
Catalog # 10-4493

CYM-5541

CAS# 945128-26-7

N,N-Dicyclohexyl-5-cyclopropyl-1,2-oxazole-3-carboxamide; ML249

Lot # JKM1207



CYM-5541 is a potent and selective allosteric agonist of the Sphingosine-1-phosphate Receptor 3 (S1P3; EC₅₀'s = 72.3-132 nM).^{1,2}

- 1) Guerrero *et al.* (2011), *Probe Development Efforts for an Allosteric Agonist of Sphingosine 1-phosphate Receptor 3 (S1P3)*; Probe Reports from the NIH Molecular Libraries Program
- 2) Jo *et al.* (2012), *Novel Selective Allosteric and Bitopic Ligands for the S1P3 Receptor*, ACS Chem. Biol. **7** 1975

PHYSICAL DATA

Molecular Weight:	316.44
Molecular Formula:	C ₁₉ H ₂₈ N ₂ O ₂
Purity:	>98% (HPLC)
	NMR: (Conforms)
Solubility:	Soluble in DMSO (>25 mg/ml); Ethanol (15 mg/mL)
Physical Description:	Off-white solid
Storage and Stability:	Store as supplied at -20°C for up to 1 year from the date of purchase. Store solutions at -20°C for up to 1 month.

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