

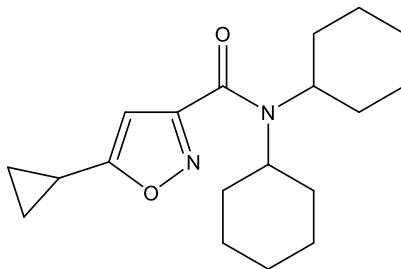
**Catalog # 10-4493**

**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; EC<sub>50</sub>'s = 72.3-132 nM).<sup>1,2</sup>

- 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 <sub>19</sub> H <sub>28</sub> N <sub>2</sub> O <sub>2</sub>
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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