

Catalog	Unit
TBI4493-5MG	5 mg
TBI4493-25MG	25 mg

### Product Details

**Formal Name:** N,N-Dicyclohexyl-5-cyclopropyl-1,2-oxazole-3-carboxamide

**Alternate Names:** ML249

**Molecular Formula:** C<sub>19</sub>H<sub>28</sub>N<sub>2</sub>O<sub>2</sub>

**Formula Weight:** 316.44

**CAS Number:** 945128-26-7

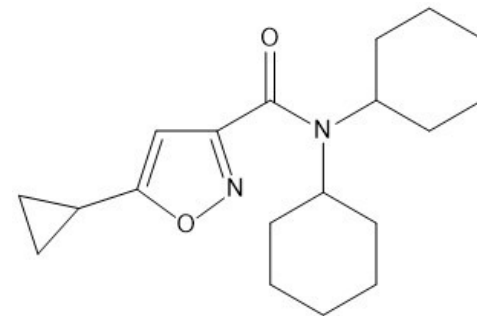
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to at least 25 mg/ml) or in Ethanol (up to 15 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

Allosteric sphingosine-1-phosphate Receptor 3 agonist

### Functions

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

### Application Procedures

First dissolved in DMSO (up to at least 25 mg/ml) or in Ethanol (up to 15 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 1 month.

**For research use only.**