# Data Sheet (Cat.No.T14130)

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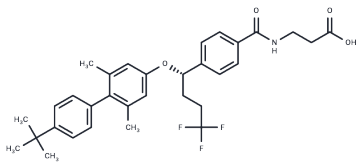
## Adomeglivant

### Chemical Properties



CAS No. : 1488363-78-5

Formula: C32H36F3NO4

Molecular Weight: 555.63

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

### Biological Description

| | |
|---|---|
| Description | Adomeglivant (LY2409021) is a potent and selective glucagon receptor antagonist. Which is used in clinical trial for type 2 diabetes mellitus. |
| Targets(IC50) | Glucagon Receptor |

### Solubility Information

| | |
|---|---|
| Solubility | DMSO: 90.0 mg/mL (162.0 mM),<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 1.7998 mL | 8.9988 mL | 17.9976 mL |
| 5 mM | 0.360 mL | 1.7998 mL | 3.5995 mL |
| 10 mM | 0.180 mL | 0.8999 mL | 1.7998 mL |
| 50 mM | 0.036 mL | 0.180 mL | 0.360 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Li Y et al. Efficient Synthesis of β-CF3/SCF3-Substituted Carbonyls via Copper-Catalyzed Electrophilic Ring-Opening Cross-Coupling of Cyclopropanols. Org Lett. 2015 May 1;17(9):2186-9.

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