

UNC8969

## Chemical Properties

CAS No. : 3036049-17-6

Formula:

Molecular Weight:

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

Actual storage temperature shall be subject to the COA.

## Biological Description

|               |   |
|---------------|---|
| Description   | UNC8969 is a macrocyclic dual MERTK/AXL inhibitor (IC50 MERTK = 1.1 nM; IC50 AXL = 5.3 nM). The compound exhibits low nanomolar activity against MERTK and AXL while demonstrating good selectivity over TYRO3 and FLT3. Target binding and selectivity have been confirmed through NanoBRET and cell-based MERTK and AXL phosphorylation assays. UNC8969 possesses excellent pharmacokinetic properties (large AUC and long half-life) and shows exceptional anti-tumor activity against lung cancer cell lines, indicating its potential as a therapeutic compound. |
| Targets(IC50) | TAM Receptor  |

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481