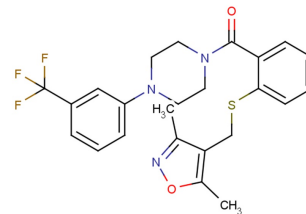


RU-302

## Chemical Properties

CAS No.:	1182129-77-6
Formula:	C <sub>24</sub> H <sub>24</sub> F <sub>3</sub> N <sub>3</sub> O <sub>2</sub> S
Molecular Weight:	475.53
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	RU-302 is a pan inhibitor of TAM. RU-302 potently blocks Gas6-inducible Axl receptor activation with a low micromolar IC <sub>50</sub> in cell assays and suppresses lung cancer tumor growth.
Targets(IC <sub>50</sub> )	TAM;Axl: None

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.103 mL	10.515 mL	21.029 mL
5 mM	0.421 mL	2.103 mL	4.206 mL
10 mM	0.21 mL	1.051 mL	2.103 mL
50 mM	0.042 mL	0.21 mL	0.421 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

### Reference

1. Kimani SG, et al. Small molecule inhibitors block Gas6-inducible TAM activation and tumorigenicity. Sci Rep. 2017 Mar 8;7:43908.

Inhibitors · Natural Compounds · Compound Libraries

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