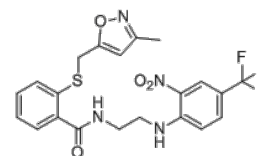


**Product Name** : RU-301  
**Cat. No.** : PC-60246  
**CAS No.** : 1110873-99-8  
**Molecular Formula** : C<sub>21</sub>H<sub>19</sub>F<sub>3</sub>N<sub>4</sub>O<sub>4</sub>S  
**Molecular Weight** : 480.462  
**Target** : TAM Receptor (Tyro3-Axl-Mer)  
**Solubility** : 10 mM in DMSO



## Biological Activity

RU-301 (RU301) is a small molecule pan-**TAM** inhibitor that targets the TAM Ig1-Gas6 interface, blocks Gas6-dependent TAM activation.

RU-301 effectively blocks Gas6-inducible Axl receptor activation with low micromolar IC<sub>50</sub>s.

RU-301 inhibits Gas6-inducible motility in Axl-expressing cell lines.

RU-301 suppress H1299 lung cancer tumor growth in a mouse xenograft NOD-SCIDy model.

## References

Kimani SG, et al. *Sci Rep.* 2017 Mar 8;7:43908.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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