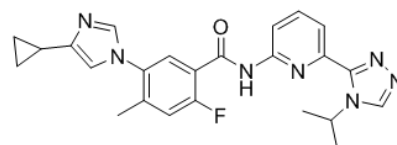


**Product Name** : Selonsertib  
**Cat. No.** : PC-45565  
**CAS No.** : 1448428-04-3  
**Molecular Formula** : C<sub>24</sub>H<sub>24</sub>FN<sub>7</sub>O  
**Molecular Weight** : 445.4921  
**Target** : MEKK (MAP3K)  
**Solubility** : DMSO: ≥ 31 mg/mL



## Biological Activity

Selonsertib (GS-4997) is a highly selective and potent, ATP-competitive inhibitor of **ASK1** (Apoptosis Signal-regulating Kinase 1, MAP3K5) with pIC<sub>50</sub> of 8.3.

Selonsertib (GS-4997) antagonizes multidrug resistance in ABCB1- and ABCG2-overexpressing cancer cells.

Selonsertib (GS-4997) with potential anti-inflammatory, antineoplastic and anti-fibrotic activities; orally bioavailable.

## References

- Lin JH, et al. *Nephron*. 2015;129(1):29-33.
- Ji N, et al. *Cancer Lett*. 2019 Jan;440-441:82-93.

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

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