

# Selonsertib (HCl Salt)

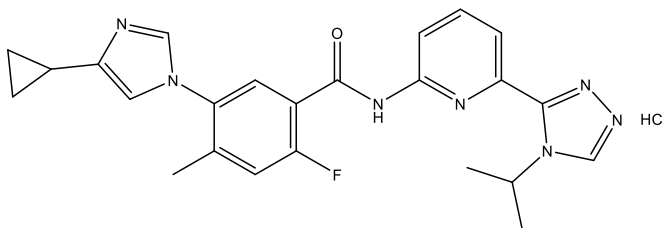
**SYN-1229**

5-(4-cyclopropyl-1H-imidazol-1-yl)-2-fluoro-4-methyl-N-(6-(4-(1-methylethyl)-4H-1,2,4-triazol-3-yl)-2-pyridinyl)-, hydrochloride (1:1)

CAS Registry No.: 1448428-05-4

**Smiles String:**

CC(C)N1C=NN=C1C2=CC=CC(NC(C3=C(F)C=C(C)C(N4C=C(C5CC5)N=C4)=C3)=O)=N2.Cl



**Molecular Weight:** 481.96

**Molecular Formula:** C<sub>24</sub>H<sub>25</sub>ClFN<sub>7</sub>O.HCl

**Lot Number:** Refer to vial

**<sup>1</sup>H-NMR:** Available on request

**HPLC (Purity):** > 95.0% @ 254 nm

**ES-MS:** Available on request

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## Description:

Selonsertib, also known as GS-4997, is an orally bioavailable inhibitor of apoptosis signal-regulating kinase 1 (ASK1), with potential anti-inflammatory, antineoplastic and anti-fibrotic activities.

GS-4997 targets and binds to the catalytic kinase domain of ASK1 in an ATP-competitive manner. GS-4997 prevents the production of inflammatory cytokines, down-regulates the expression of genes involved in fibrosis, suppresses excessive apoptosis and inhibits cellular proliferation.

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## Shipping and Storage Temperature

Shipping:  
Ambient

Storage:  
2 years -20C, Powder 1 month, -4C in DMSO, More than one month -80C in DMSO

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## Solubility

Soluble in DMSO

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## References

1. Lin JH, Zhang JJ, Lin SL, Chertow GM. Design of a phase 2 clinical trial of an ASK1 inhibitor, GS-4997, in patients with diabetic kidney disease. *Nephron*. 2015;129(1):29-33. doi: 10.1159/000369152. Epub 2014 Dec 17. PubMed PMID: 25531162.

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## Ordering Information

To order more of this or any other SYNkinase compound, go to [synkinase.com](http://synkinase.com), Call us Toll Free (US Only) at 1- 877-854-6273 or email [orders@synkinase.com](mailto:orders@synkinase.com).

Product Datasheet (Rev. 1.1)