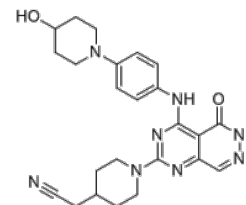


**Product Name** : ASN-002  
**Cat. No.** : PC-63126  
**CAS No.** : 1425381-60-7  
**Molecular Formula** : C<sub>24</sub>H<sub>28</sub>N<sub>8</sub>O<sub>2</sub>  
**Molecular Weight** : 460.542  
**Target** : Syk  
**Solubility** : 10 mM in DMSO



## Biological Activity

ASN-002 (Gusacitinib, ASN002) is a novel and potent dual inhibitor of **SYK/JAK kinases** with IC<sub>50</sub> of 5, 46, 4, 11 and 8 nM for SYK, JAK1, JAK2, JAK3 and TYK2, respectively, in biochemical assays.

ASN-002 strongly suppresses the SYK and JAK family kinase signaling pathways measured as pLAT and pSTAT levels, respectively.

ASN-002 showed anti-proliferative activity in a broad panel of human cancer cell lines.

ASN-002 exhibits significant efficacy in inhibiting tumor growth in a multiple myeloma (H929) xenograft model.

## References

Sanjeeva Reddy, et al. Abstract 792: DOI: 10.1158/1538-7445.AM2015-792.

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

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