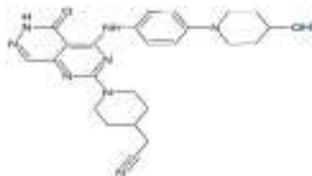


# ASN-002 (GUSACITINIB)

**ALTERNATE NAME:** ASN002  
1-[5,6-Dihydro-4-[[4-(4-hydroxy-1-piperidinyl)phenyl]amino]-5-oxopyrimido[4,5-d]pyridazin-2-yl]-4-piperidineacetonitrile

**CATALOG #:** B3318-5 5 mg  
B3318-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>24</sub>H<sub>28</sub>N<sub>8</sub>O<sub>2</sub>

**MOLECULAR WEIGHT:** 460.54

**CAS NUMBER:** 1425381-60-7

**APPEARANCE:** Crystalline solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** >50 mg/ml DMSO

**DESCRIPTION:** ASN-002 (Gusacitinib) is a potent dual inhibitor of SYK/JAK kinases. ASN-002 displays strong antitumor activity in both hematological and solid tumor xenograft models. ASN-002 strongly suppresses the SYK and JAK family kinase signaling pathways as measured in pLAT and pSTAT assays, respectively.

**STORAGE TEMPERATURE:** -20°C. Protect from light

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

PF-03394197 (2883)  
Lanraplenib (B3307)  
Ruxolitinib, Free base (2139)  
Syk Inhibitor (1983)  
SB1518 (Pacritinib) (2450)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*