

<b>Product Name</b>	: SHR0302
<b>Synonyms</b>	: ARQ252
<b>Cat No.</b>	: M23609
<b>CAS Number</b>	: 1445987-21-2
<b>Molecular Formula</b>	: C <sub>18</sub> H <sub>22</sub> N <sub>8</sub> O <sub>2</sub> S
<b>Formula Weight</b>	: 414.5
<b>Chemical Name</b>	: —
<b>Description</b>	: SHR0302 is a JAK inhibitor that binds JAK1 with stronger affinity than others (Selectivity for JAK1 is more than 10 times for JAK2, 77 times for JAK3, 420 times for Tyk2).
<b>Pathway</b>	: Angiogenesis
<b>Target</b>	: JAK
<b>Receptor</b>	: JAK1
<b>Solubility</b>	: DMSO:30mg/ml(72.38mM; Need ultrasonic)
<b>SMILES</b>	: <chem>CN(C(C1)C[C@@H](C2)[C@H]1CN2C(Nc1nc(OC)ns1)=O)c1ncnc2c1cc[nH]2</chem>
<b>Storage</b>	: (-20°C)
<b>Stability</b>	: ≥ 2 years
<b>Reference</b>	:

1.Gu Y J , Sun W Y , Zhang S , et al. Targeted blockade of JAK/STAT3 signaling inhibits proliferation, migration and collagen production as well as inducing the apoptosis of hepatic stellate cells[J]. International Journal of Molecular Medicine, 2016.