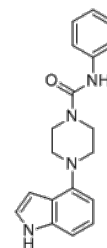


**Product Name** : iGOT1-01  
**Cat. No.** : PC-35823  
**CAS No.** : 882256-55-5  
**Molecular Formula** : C<sub>19</sub>H<sub>20</sub>N<sub>4</sub>O  
**Molecular Weight** : 320.396  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

iGOT1-01 is a small molecule inhibitor of aspartate aminotransferase 1 (glutamate oxaloacetate transaminase 1 (**GOT1**)) with IC<sub>50</sub> of 11.3 uM.

Inhibition of GOT1 preferentially leads to accumulation of the M+4 aspartate isotopologue from <sup>13</sup>C-glutamine in pancreatic cancer cells

## References

Holt MC, et al. *Biochemistry*. 2018 Nov 12. doi: 10.1021/acs.biochem.8b00914.

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

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