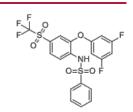


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## **Data Sheet**

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	SLC6A19 inhibitor 39
Cat. No.	:	PC-38115
CAS No.	:	2755929-52-1
Molecular Formula	:	C <sub>19</sub> H <sub>12</sub> F <sub>5</sub> NO <sub>5</sub> S <sub>2</sub>
Molecular Weight	:	493.419
Target	:	Other Targets
Solubility	:	10 mM in DMSO



## **Biological Activity**

SLC6A19 inhibitor 39 is a potent, selective and orally efficacious inhibitor of neutral amino acid transporter B0AT1 (**SLC6A19**) with IC50 of 35 nM.

SLC6A19 inhibitor 39 exhibits excellent pharmacokinetic profile (%F: 66) in mice and efficacious in vivo in diet induced obese (DIO) mice model.

## References

Jigar Desai, et al. Bioorg Med Chem Lett. 2021 Dec 1;53:128421.

Caution: Product has not been fully validated for medical applications. Lab Use Only! E-mail: tech@probechem.com