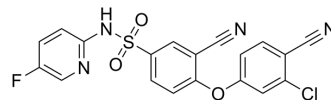


## URAT1 inhibitor 7

Cat. No.:	HY-153970
CAS No.:	1632002-28-8
Molecular Formula:	C <sub>19</sub> H <sub>10</sub> ClFN <sub>4</sub> O <sub>3</sub> S
Molecular Weight:	428.82
Target:	URAT1
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

URAT1 inhibitor 7 (compound 10f) is a potent URAT1 inhibitor, with an IC<sub>50</sub> of 12 nM. URAT1 inhibitor 7 exhibits microsomal stability (HLM <13 μL/min/mg). URAT1 inhibitor 7 also inhibits CYP2C9, with an IC<sub>50</sub> of 4.2 μM. URAT1 inhibitor 7 can be used for gout research<sup>[1]</sup>.

### REFERENCES

[1]. Storer R I, et al. The discovery and evaluation of diaryl ether heterocyclic sulfonamides as URAT1 inhibitors for the treatment of gout. MedChemComm, 2016;10.1039.C6MD00190D.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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