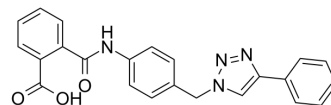


## sEH inhibitor-2

Cat. No.:	HY-143294
CAS No.:	2816102-69-7
Molecular Formula:	C <sub>23</sub> H <sub>18</sub> N <sub>4</sub> O <sub>3</sub>
Molecular Weight:	398.41
Target:	Epoxide Hydrolase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	sEH inhibitor-2 (compound 5l) is an orally active (predicted percentage absorption: 71.2-88.4%) soluble epoxide hydrolase (sEH) inhibitor, with an IC <sub>50</sub> of 0.9 nM. sEH inhibitor-2 can maintain epoxyeicosatrienoic acids (EETs) serum level in high concentrations. sEH inhibitor-2 can be used in study of cardiovascular protection <sup>[1]</sup> .
IC <sub>50</sub> & Target	sEH 0.9 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Rezaee, E, et al. Design, synthesis, and biological evaluation of some 1,2,3-triazole derivatives as novel amide-based inhibitors of soluble epoxide hydrolase. Med Chem Res 30, 1738–1746 (2021).

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

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