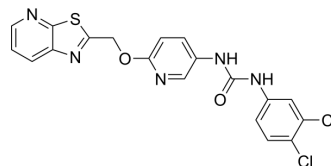


## sEH/FLAP-IN-1

Cat. No.:	HY-156329
Molecular Formula:	C <sub>19</sub> H <sub>13</sub> Cl <sub>2</sub> N <sub>5</sub> O <sub>2</sub> S
Molecular Weight:	446.31
Target:	Epoxide Hydrolase; FLAP
Pathway:	Metabolic Enzyme/Protease; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

sEH/FLAP-IN-1 (Compound 46A) is a sEH/FLAP inhibitor. sEH/FLAP-IN-1 inhibits 5-LOX product formation in SACM-stimulated PBMCs (EC<sub>50</sub>: 11 nM). sEH/FLAP-IN-1 inhibit sEH (EC<sub>50</sub>: 18 nM) and thromboxane production. sEH/FLAP-IN-1 can be used for research of inflammatory diseases<sup>[1]</sup>.

### REFERENCES

[1]. Schoenthaler M, et al. Novel thiazolopyridine derivatives of diflapiolin as dual sEH/FLAP inhibitors with improved solubility. *Bioorg Chem.* 2023 Oct;139:106685.

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

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