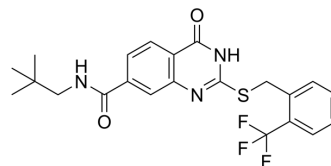


sEH inhibitor-10

Cat. No.:	HY-151616
Molecular Formula:	C ₂₂ H ₂₂ F ₃ N ₃ O ₂ S
Molecular Weight:	449.49
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-10 (Compound 37) is a selective soluble epoxide hydrolase (sEH) inhibitor (IC ₅₀ =0.5 μM). sEH inhibitor-10 maintains high cycloeoicatrienoic acid (EETs) levels by inhibiting sEH, thereby reducing inflammation, regulating endothelial tone, improving mitochondrial function, and reducing oxidative stress. sEH inhibitor-10 has good research potential in metabolic, renal and cardiovascular diseases ^[1] .
IC ₅₀ & Target	sEH 0.5 μM (IC ₅₀)

REFERENCES

[1]. Turanlı S, et al. Quinazoline-4(3H)-one-7-carboxamide Derivatives as Human Soluble Epoxide Hydrolase Inhibitors with Developable 5-Lipoxygenase Activating Protein Inhibition. ACS Omega. 2022 Oct 5;7(41):36354-36365.

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

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