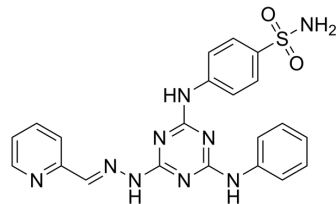


NSC 828467

Cat. No.:	HY-144222
Molecular Formula:	C ₂₁ H ₁₉ N ₉ O ₂ S
Molecular Weight:	461.5
Target:	Carbonic Anhydrase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NSC 828467 exhibited significant in vitro anticancer activity, and it is one of the top-five CA IX inhibitors with an IC ₅₀ value of 27.2 nM.
IC ₅₀ & Target	HCA IX 27.2 nM (IC ₅₀)

REFERENCES

[1]. Tawfik HO, et al. Discovery of new carbonic anhydrase IX inhibitors as anticancer agents by toning the hydrophobic and hydrophilic rims of the active site to encounter the dual-tail approach. Eur J Med Chem. 2022 Feb 12;232:114190.

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

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