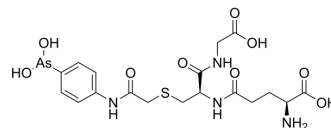


Glutathione arsenoxide

Cat. No.:	HY-130588
CAS No.:	1271726-51-2
Molecular Formula:	C ₁₈ H ₂₅ AsN ₄ O ₉ S
Molecular Weight:	548.4
Target:	Mitochondrial Metabolism
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Glutathione arsenoxide (GSAO) is a potential anticancer agent and a tumour metabolism inhibitor. Glutathione arsenoxide targets Mitochondrial endomycin nucleotide transferase (ANT). Glutathione arsenoxide causes cell proliferation arrest and cell death. Glutathione arsenoxide can be used to identify cell-surface proteins, such as Protein disulphide isomerase ^[1] .
IC₅₀ & Target	Mitochondrial endomycin nucleotide transferase (ANT), Protein disulphide isomerase (PDI) ^[1]

REFERENCES

- [1]. Habeck M. Australian scientists design novel antiangiogenic weapon[J]. The Lancet Oncology, 2000, 1(4): 199.
- [2]. Park D, et al. The tumour metabolism inhibitors GSAO and PENAO react with cysteines 57 and 257 of mitochondrial adenine nucleotide translocase. Cancer Cell Int. 2012 Mar 26;12(1):11.

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

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