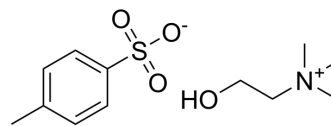


Choline tosylate

Cat. No.:	HY-W100403
CAS No.:	55357-38-5
Molecular Formula:	C ₁₂ H ₂₁ NO ₄ S
Molecular Weight:	275.36
Target:	Phospholipase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Choline tosylate is a nucleophilic compound that inhibits phospholipase A2 and phospholipase C. Choline tosylate inhibits tumor growth in mice by inhibiting the formation of diacylglycerol (DAG)^{[1][2]}.

REFERENCES

- [1]. Yu L, et al. The interaction of phospholipase A2 with phospholipid analogues and inhibitors. *J Biol Chem.* 1990 Feb 15;265(5):2657-64.
- [2]. Trousil S. Choline Kinase Inhibition as a Treatment Strategy of Cancers with Deregulated Lipid Metabolism. Imperial College London, 2014.

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

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