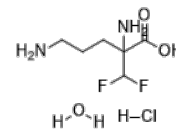


Product Name : Eflornithine hydrochloride hydrate
Cat. No. : PC-27832
CAS No. : 96020-91-6
Molecular Formula : $C_6H_{15}ClF_2N_2O_3$
Molecular Weight : 236.64
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Eflornithine hydrochloride hydrate (DFMO, MDL71782, RMI71782, α -difluoromethylornithine) is an irreversible inhibitor of ornithine decarboxylase (ODC), inhibits polyamine biosynthesis.

DFMO displays antiapoptotic, antiangiogenic and antiparasitic activity, synergistically reduces cell viability in NB cells when combined with AMXT-1501, reduces tumor progression and prolongs survival in mouse models of neuroblastoma combined with DFMO.

References

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Wu Y, et al. Biochem J. 2012 Mar 15;442(3):693-701.

Carrillo C, et al. Biochem Biophys Res Commun. 2000 Dec 20;279(2):663-8.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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