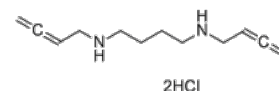


Product Name : MDL72527
Cat. No. : PC-70176
CAS No. : 93565-01-6
Molecular Formula : C₁₂H₂₀N₂ • 2HCl
Molecular Weight : 265.2
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

MDL72527 is a **polyamine oxidase** (PAO) inhibitor that inhibits spermine oxidase and N1-acetylpolyamine oxidase with IC₅₀ of 6.1 and 0.02 μM, respectively.

MDL72527 significantly reduces ETBF-induced chronic inflammation and proliferation in C57BL/6 mice.

MDL72527 also reduces ETBF-induced colon tumorigenesis in the multiple intestinal neoplasia mouse model.

References

Moriya SS, et al. *Biol Pharm Bull*. 2014;37(3):475-80.

Chaturvedi R, et al. *J Biol Chem*. 2004 Sep 17;279(38):40161-73.

Goodwin AC, et al. *Proc Natl Acad Sci U S A*. 2011 Sep 13;108(37):15354-9.

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

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