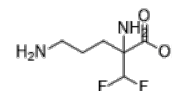


Product Name : α -difluoromethylornithine
Cat. No. : PC-25556
CAS No. : 70052-12-9
Molecular Formula : $C_6H_{12}F_2N_2O_2$
Molecular Weight : 182.17
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

α -difluoromethylornithine (DFMO, Eflornithine, MDL71782) is a specific, irreversible inhibitor of polyamine biosynthesis enzyme Ornithine decarboxylase (ODC) with biochemicals IC₅₀ of 252 μ M, binding competitively with ornithine.

References

Schultz CR, et al. J Med Chem. 2025 Mar 13;68(5):5760-5773.

Lipke DW, et al. Clin Exp Hypertens. 1997 Apr;19(3):297-312.

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

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