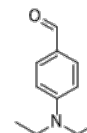


Product Name : Diethylaminobenzaldehyde
Cat. No. : PC-26754
CAS No. : 120-21-8
Molecular Formula : C₁₁H₁₅NO
Molecular Weight : 177.25
Target : Aldehyde Dehydrogenase (ALDH)
Solubility : 10 mM in DMSO



Biological Activity

4-diethylaminobenzaldehyde (DEAB) is a potent small molecule inhibitor of aldehyde dehydrogenase (ALDH) with Ki of ALDH1, also is a covalent, irreversible ALDH7A1 inhibitor.

References

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Moreb J, et al. *Cancer Res*. 1992 Apr 1;52(7):1770-4.

Luo M, et al. *ACS Chem Biol*. 2015 Mar 20;10(3):693-7.

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

E-mail: tech@probechem.com