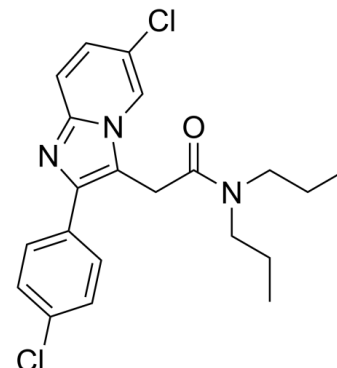


Data Sheet

Product Name:	Alpidem
Cat. No.:	CS-W013866
CAS No.:	82626-01-5
Molecular Formula:	C ₂₁ H ₂₃ Cl ₂ N ₃ O
Molecular Weight:	404.34
Target:	GABA Receptor
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

Alpidem selectively binds to $\alpha 1\beta 2\gamma 2$ subunit-containing **GABA_A receptor** with an **IC₅₀** of 17 nM and exerts anxiolytic effect^[1].

References:

[1]. Faure-Halley C, et al. Expression and properties of recombinant alpha 1 beta 2 gamma 2 and alpha 5 beta 2 gamma 2 forms of the rat GABAA receptor. Eur J Pharmacol. 1993 Aug 15;246(3):283-7.

CAIndexNames:

Imidazo[1,2-a]pyridine-3-acetamide, 6-chloro-2-(4-chlorophenyl)-N,N-dipropyl-

SMILES:

O=C(N(CCC)CCC)CC1=C(C2=CC=C(Cl)C=C2)N=C3C=CC(Cl)=CN31

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

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