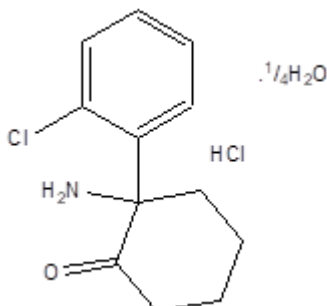


Norketamine hydrochloride

Cat # NB-48-0688



Product Information

Batch No.:	0391BN/01
Chemical Name:	2-Amino-2-(2-chlorophenyl)cyclohexanone hydrochloride
Batch Molecular Formula:	C ₁₂ H ₁₄ ClNO .HCl .1/4H ₂ O
Batch Molecular Weight:	264.66
CAS No.:	[35211-10-0]
Physical Appearance:	White solid
Storage:	RT

Solvent and solubility

Soluble to 100 mM in water

Biological activity

Potent non-competitive NMDA receptor antagonist ($K_i = 3.6$ nM; [3H]-MK 801 displacement in rat brain). Major metabolite of Ketamine (Cat.# NB-48-0519-500MG). Antinociceptive and anesthetic in vivo.

References

1. Leung et al. (1986) J Med Chem 29:2396
2. Ebert et al. (1997) Eur J Pharmacol 333:99
3. Shimoyama et al. (1999) Pain 81:85
4. Hijazi and Boulieu (2002) Drug Metab Dispos 30:853

For Research use only. Not for human use

NB-48-0688 Norketamine hydrochloride

Analytical data

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: HPLC Assay: > 99% (complies).

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