

PRODUCT INFORMATION



2-AI (hydrochloride)

Item No. 11048

CAS Registry No.: 2338-18-3

Formal Name: 2,3-dihydro-1H-inden-2-amine,
monohydrochloride

Synonyms: 2-Aminoindane, SU 8629

MF: C₉H₁₁N • HCl

FW: 169.7

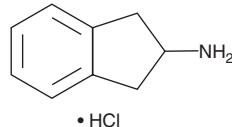
Purity: ≥95%

UV/Vis.: λ_{max}: 210, 266, 272 nm

Supplied as: A crystalline solid

Storage: -20°C

Stability: ≥5 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Description

Aminoindans (AI) were originally studied as semi-rigid congeners of phenylethylamines, which are psychoactive alkaloids.^{1,2} 2-AI is an aminoindane that serves as the starting point for the synthesis of psychoactive compounds, such as 5,6-methylenedioxy-2-aminoindane. 2-AI itself has modest analgesic and stimulatory properties.¹ This product is intended for forensic applications.

References

1. Cannon, J.G., Perez, J.A., and Pease, J.P. Comparison of biological effects of N-alkylated congeners of β-phenethylamine derived from 2-aminotetralin, 2-aminoindan, and 6-aminobenzocycloheptene. *J. Med. Chem.* **23**(7), 745-749 (1980).
2. Nichols, D.E., Brewster, W.K., Johnson, M.P., et al. Nonneurotoxic tetralin and indan analogues of 3,4-(methylenedioxy)amphetamine (MDA). *J. Med. Chem.* **33**(2), 703-710 (1990).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

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