

PRODUCT INFORMATION



2C-I (hydrochloride)

Item No. 11113

CAS Registry No.: 64584-32-3

Formal Name: 4-iodo-2,5-dimethoxy-benzeneethanamine,
monohydrochloride

Synonym: 2,5-Dimethoxy-4-iodophenethylamine

MF: C₁₀H₁₄INO₂ • HCl

FW: 343.6

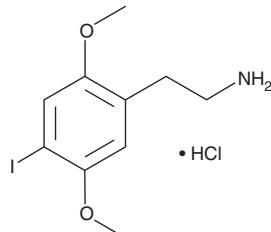
Purity: ≥98%

UV/Vis.: λ_{max}: 204, 234, 298 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

A series of 2,5-phenethylamines, collectively referred to as 2Cs, have psychoactive effects; many are scheduled as illegal substances. 2C-I (hydrochloride) is described formally as 2,5-dimethoxy-4-iodophenethylamine. Like other 2Cs, 2C-I (hydrochloride) is a monoamine oxidase inhibitor, blocking the breakdown of serotonin and norepinephrine (IC₅₀ values of 79 and 37 μM, respectively), but not dopamine.¹ Its metabolism has been described.² This product is intended for research and forensic applications.

References

1. Nagai, F., Nonaka, R., and Satoh Hisashi Kamimura, K. The effects of non-medically used psychoactive drugs on monoamine neurotransmission in rat brain. *Eur. J. Pharmacol.* **559**(2-3), 132-137 (2007).
2. Meyer, M.R. and Maurer, H.H. Metabolism of designer drugs of abuse: An updated review. *Curr. Drug Metab.* **11**(5), 468-482 (2010).

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.

WARRANTY AND LIMITATION OF REMEDY

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