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Produktinformation

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

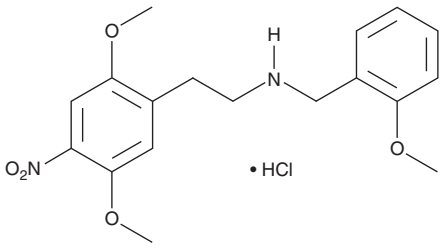
linkedin.com/company/szaboscandic

PRODUCT INFORMATION

25N-NBOMe (hydrochloride)

Item No. 14911

CAS Registry No.: 1566571-65-0
Formal Name: 2,5-dimethoxy-N-[(2-methoxyphenyl) methyl]-4-nitro-benzeneethanamine, monohydrochloride
Synonym: 2C-N-NBOMe
MF: $C_{18}H_{22}N_2O_5 \bullet HCl$
FW: 382.8
Purity: ≥98%
UV/Vis.: λ_{max}: 219, 274, 348, 356 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

2C-N (Item No. 11890) is described formally as 2,5-dimethoxy-4-nitrophenethylamine and is structurally analogous to the psychedelic drug 2C-B (Item No. 11734). 2C-N potently stimulates arachidonic acid (Item No. 90010) release through the serotonin receptors 5-HT_{2C} (pEC_{50} = 5.91) and 5-HT_{2A} (pEC_{50} = 4.78).[1] 25N-NBOMe is a derivative of 2C-N having an N-(2-methoxybenzyl) addition at the amine. For similar dimethoxyphenethylamines including 2C-B, this N-(2-methoxybenzyl) addition significantly increases activity at the serotonin receptor.[2] This product is intended for forensic and research applications.

References

1. Moya, P.R., Berg, K.A., Gutiérrez-Hernandez, M.A., *et al.* Functional selectivity of hallucinogenic phenethylamine and phenylisopropylamine derivatives at human 5-hydroxytryptamine $(5\text{-HT})_{2A}$ and 5-HT_{2C} receptors. *J. Pharmacol. Exp. Ther.* **321(3)**, 1054-1061 (2007).
2. Ettrup, A., Palner, M., Gillings, N., *et al.* Radiosysnthesis and evaluation of ^{11}C-CIMBI-5 as a 5-HT_{2A} receptor agonist radioligand for PET. *J. Nucl. Med.* **51(11)**, 1763-1770 (2010).

CAYMAN CHEMICAL
1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA
PHONE: [800] 364-9897
[734] 971-3335
FAX: [734] 971-3640
CUSTSERV@CAYMANCHEM.COM
WWW.**CAYMANCHEM**.COM