PRODUCT INFORMATION

2C-B (hydrochloride)
Item No. 11734

CAS Registry No.: 56281-37-9
Formal Name: 4-bromo-2,5-dimethoxy-benzeneethanamine, monohydrochloride
Synonym: 4-Bromo-2,5-dimethoxyphenethylamine
MF: C_{10}H_{14}BrNO_{2} • HCl
FW: 296.6
Purity: ≥95%
UV/Vis.: λ_{max} = 296 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥2 years

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

Description

A series of 2,5-dimethoxyphenethylamines, collectively referred to as 2Cs, have psychoactive effects.1,2 The most effective 2C compounds are substituted at the 4 position of the aromatic ring; many are scheduled as illegal substances.3,4 2C-B is described formally as 4-bromo-2,5-dimethoxyphenethylamine. This hallucinogenic designer drug activates the serotonin receptor 5-HT_{2C} (pEC_{50} = 6.8 for arachidonic acid release).2 Its metabolism has been reviewed.3 LC-MS/MS screening methods for identifying this compound in serum have been developed.5 2C-B is regulated as a Schedule I compound in the United States. This product is intended for forensic and research purposes.

References