Product Information

2C-P (hydrochloride)
Item No. 11696

CAS Registry No.: 1359704-27-0
Formal Name: 2,5-Dimethoxy-4-propylbenzeneethanamine, monohydrochloride
Synonym: 2,5-Dimethoxy-4-propylphenethylamine
MF: C13H21NO2 • HCl
FW: 259.8
Purity: ≥98%
Stability: ≥2 years at -20°C
Supplied as: A crystalline solid
UV/Vis: λmax: 204, 227, 292 nm

Laboratory Procedures
For long term storage, we suggest that 2C-P (hydrochloride) be stored as supplied at -20°C. It should be stable for at least two years.

2C-P (hydrochloride) is supplied as a crystalline solid. A stock solution may be made by dissolving the 2C-P (hydrochloride) in the solvent of choice. 2C-P (hydrochloride) is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide (DMF), which should be purged with an inert gas. The solubility of 2C-P (hydrochloride) in ethanol and DMF is approximately 2 mg/ml and approximately 13 mg/ml in DMSO.

2C-P (hydrochloride) is sparingly soluble in aqueous buffers. For maximum solubility in aqueous buffers, 2C-P (hydrochloride) should first be dissolved in DMSO and then diluted with the aqueous buffer of choice. 2C-P (hydrochloride) has a solubility of approximately 0.5 mg/ml in a 1:1 solution of DMSO:PBS (pH 7.2) using this method. We do not recommend storing the aqueous solution for more than one day.

A series of 2,5-dimethoxy phenethylamines, collectively referred to as 2Cs, have psychoactive effects.1,2 The most effective 2C compounds are substituted at the four position of the aromatic ring; many are scheduled as illegal substances.3,4 2C-P is described formally as 2,5-dimethoxy-4-propylphenethylamine and is structurally analogous to the psychedelic drug 2C-B. The physiological and toxicological properties of this compound are not known. LC-MS/MS screening methods for this designer drug have been developed.5 This product is intended for forensic and research purposes.

References

Related Products
For a list of related products please visit: www.caymanchem.com/catalog/11696

WARNING: THIS PRODUCT IS FOR LABORATORY RESEARCH ONLY; NOT FOR ADMINISTRATION TO HUMANS. NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. This information contains some, but not all, of the information required for the safe and proper use of this material. Before use, the user must review the complete Safety Data Sheet, which has been sent to your email at the time of delivery.

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