

Product Data Sheet

Product Name: Buflomedil HCl

Cat. No.: GC16118

Chemical Properties

Cas. No. 35543-24-9

Chemical Name 4-pyrrolidin-1-yl-1-(2,4,6-trimethoxyphenyl)butan-1-one;hydrochloride

SMILES COC1=CC(=C(C(=C1)OC)C(=O)CCCN2CCCC2)OC.Cl

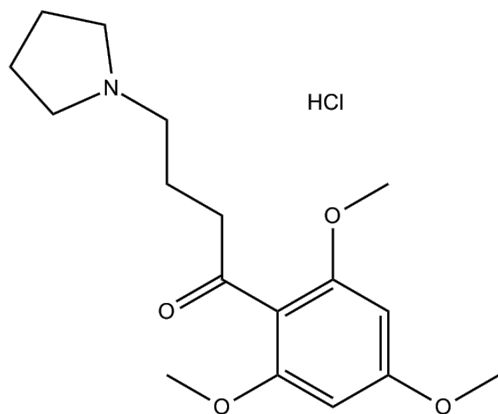
Formula $C_{17}H_{25}NO_4 \cdot HCl$ M.Wt 343.85

Solubility $\geq 14.65\text{mg/mL}$ in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

Buflomedil hydrochloride is a vasodilator used to treat claudication or the symptoms of peripheral arterial disease. Target: Others Buflomedil hydrochloride is a vasoactive drug used to treat claudication or the symptoms of peripheral arterial disease. In the EU, buflomedil, a vasoactive agent, was indicated for treatment of PAOD symptoms, specifically in patients with stage II PAOD who experience severe pain when walking even relatively short distances. Buflomedil is not currently approved by the US Food and Drug Administration for use in the United States.

Caution: Product has not been fully validated for medical applications. For research use only.

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References:

[1]. <http://www.medscape.com/viewarticle/753768>

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