

Catalog	Unit
TBI1111 - 1G	1 g
TBI1111 - 5G	5 g

Product Details

Formal Name: 5-[N-(3,4-Dimethoxyphenylethyl)methylamino]-2-(3,4-dimethoxyphenyl)-2-isopropylvaleronitrile hydrochloride

Molecular Formula: C₂₇H₃₈N₂O₄·HCl

Formula Weight: 491.06

CAS Number: 152-11-4

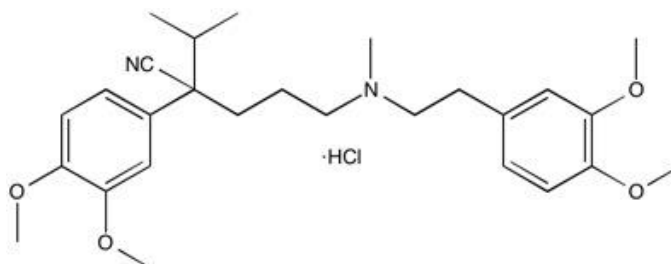
Purity: ≥98%

Formulation: Powder.

Solubility: Soluble in DMSO (up to 20 mg/ml) or in Water (up to 50 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

L-type Ca²⁺ channel blocker

Functions

Clinically useful L-type calcium channel blocker. It is also used as an inhibitor of drug efflux pump proteins.

Application Procedures

First dissolved in DMSO (20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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