

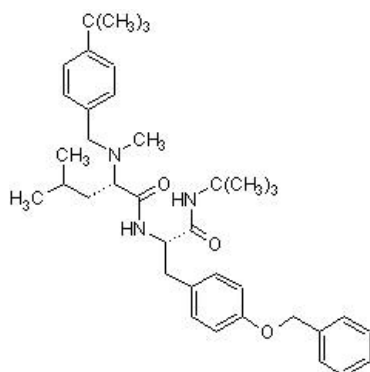
Product datasheet

PD 173212, N-type voltage-gated Ca²⁺ channel blocker
ab141832

1 Image

Overview

Product name	PD 173212, N-type voltage-gated Ca ²⁺ channel blocker
Description	Potent, selective N-type voltage-gated Ca ²⁺ channel blocker
Biological description	Potent, selective N-type voltage-gated Ca ²⁺ channel blocker (IC ₅₀ = 36 nM). Selectivity over K ⁺ , Na ⁺ and L-type Ca ²⁺ channels. Shows anticonvulsant effects <i>in vivo</i> .
Purity	> 99%
CAS Number	217171-01-2
Chemical structure	



Properties

Chemical name	(2S)-N-[(2S)-1-(<i>tert</i> -Butylamino)-1-oxo-3-(4-phenylmethoxyphenyl)propan-2-yl]-2-[(4- <i>tert</i> -butylphenyl)methyl-methylamino]-4-methylpentanamide
Molecular weight	599.90
Molecular formula	C ₃₈ H ₅₃ N ₃ O ₃
PubChem identifier	9916734
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM and in ethanol to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in

tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

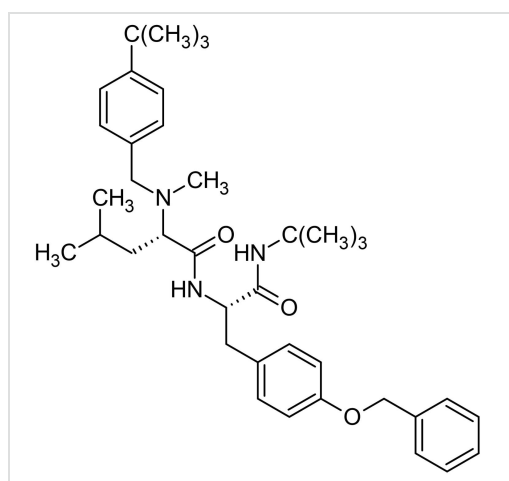
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(C)C)N(C)CC3=CC=C(C=C3)C(C)(C)C
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Source

Synthetic

Images



2D chemical structure image of ab141832, PD 173212, N-type voltage-gated Ca²⁺ channel blocker

Chemical Structure - PD 173212, N-type voltage-gated Ca²⁺ channel blocker (ab141832)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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