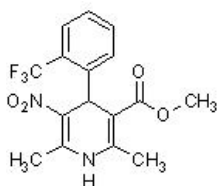


Product datasheet

(±)-BAYK8644, L-type Ca²⁺ channel activator ab120366

Overview

Product name	(±)-BAYK8644, L-type Ca ²⁺ channel activator
Description	Potent L-type Ca ²⁺ channel activator
Biological description	Potent L-type Ca ²⁺ channel activator (EC ₅₀ = 17.3 nM). Centrally active following systemic administration.
Purity	> 99%
CAS Number	71145-03-4
Chemical structure	



Properties

Chemical name	1,4-Dihydro-2,6-dimethyl-5-nitro-4-[2-(trifluoromethyl)phenyl]-3-pyridinecarboxylic acid methyl ester
Molecular weight	356.30
Molecular formula	C ₁₆ H ₁₅ F ₃ N ₂ O ₄
PubChem identifier	2303
Storage instructions	Store at +4°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.
SMILES	CC1=C(C(C(=C(N1)C)[N+](=O)[O-])C2=CC=CC=C2C(F)(F)F)C(=O)OC

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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