(+)-BAY-K-8644
Catalogue Number: 9876741

Product Information

**Synonyms:** (R)-(+)-BAY K 8644; CHEMBL105672; (R)-(+)-Bay K8644; methyl (4R)-2,6-dimethyl-5-nitro-4-[2-(trifluoromethyl)phenyl]-1,4-dihydropyridine-3-carboxylate

**Chemical Name:** methyl (4R)-2,6-dimethyl-5-nitro-4-[2-(trifluoromethyl)phenyl]-1,4-dihydropyridine-3-carboxylate

**Molecular Formula:** C_{16}H_{15}F_{3}N_{2}O_{4}

**Molecular Weight:** 356.3

**CAS Number:** 98791-67-4

**Purity:** ≥98%

**Applications:** FA

**Formulation:** Crystalline solid

**Storage:** Product should be kept at -20°C.

Description

(+)-BAY-K-8644 is a L-type calcium channel agonist with negative vasodilatory and inotropic effects. The (+)-BAY-K-8644 enantiomer exhibits opposite biological effects to the racemate and (-)-BAY-K-8644 molecules.

Preparation & Storage

Soluble in organic solvents such as ethanol or DMSO.

References