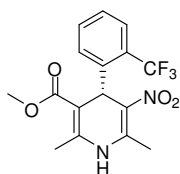




Certificate of Analysis

Axon Catalogue ID: 1759 **Batch Number:** 1
Product Name: (S)-(-)-BAY K 8644
Alternative Name(s): (-)-BAY K8644
IUPAC Name: (S)-Methyl 2,6-dimethyl-5-nitro-4-(2-(trifluoromethyl)phenyl)-1,4-dihydropyridine-3-carboxylate

Structure:



Amount:

CAS number(s): 98625-26-4
Molecular Formula: C₁₆H₁₅F₃N₂O₄ **Molecular Weight:** 356.30
Batch Molecular Formula: C₁₆H₁₅F₃N₂O₄ **Batch Molecular Weight:** 356.30
Appearance: Yellow solid **Observed mp:** 146 °C
TLC (R_f): 0.32 Heptane/EtOAc (1:1)
Chemical Purity: 99.5%
Optical Purity (ee): 99.0%
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 53.94, H 4.24, N 7.86, O 17.96; Found: C 54.06, H 4.40, N 7.69, O ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	35.6	>100 mM	
	EtOH	35.6	>100 mM	

Remarks:

QC Date: 16-11-2018

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only