

Certificate of Analysis

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Product Name: GR 125487 - d3 sulfamate

Catalog No.: 5453

Batch No.: 1

IUPAC Name: 5-Fluoro-2-methoxy-d₃-[1-[2-[(methylsulfonyl)amino]ethyl]-4-piperidinyl]-1_H-indole-3-methylcarboxylate sulfamate

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₉H₂₃D₃FN₃O₅S.H₂NSO₃H

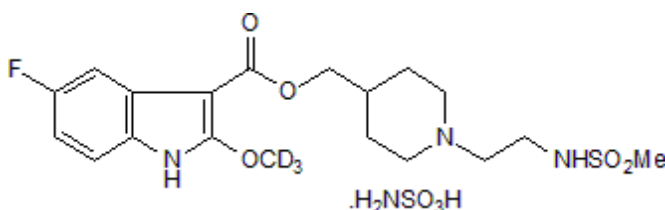
Batch Molecular Weight: 527.6

Physical Appearance: Off White solid

Solubility: water to 50 mM

Storage: Desiccate at RT

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 96.5% purity

¹H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Isotopic purity: 99.8 atom % D

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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IUPAC Name: 5-Fluoro-2-methoxy-d₃-[1-[2-[(methylsulfonyl)amino]ethyl]-4-piperidinyl]-1H-indole-3-methylcarboxylate sulfamate

Description:

Deuterated GR 125487 (Cat. No. 1658).

Physical and Chemical Properties:

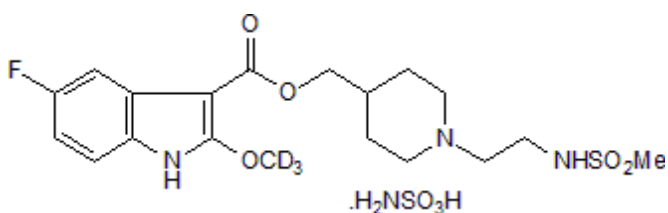
Batch Molecular Formula: C₁₉H₂₃D₃FN₃O₅S.H₂NSO₃H

Batch Molecular Weight: 527.6

Physical Appearance: Off White solid

Minimum Purity: >96%

Batch Molecular Structure:



Storage: Desiccate at RT

Solubility & Usage Info:

water to 50 mM

This product is supplied as a lyophilized solid and may be very hard to visualize. Solutions should be made by adding solvent directly to the vial. The vial should then be vortexed vigorously to ensure the product has completely dissolved.

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

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