



CERTIFICATE OF ANALYSIS

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1. Identification

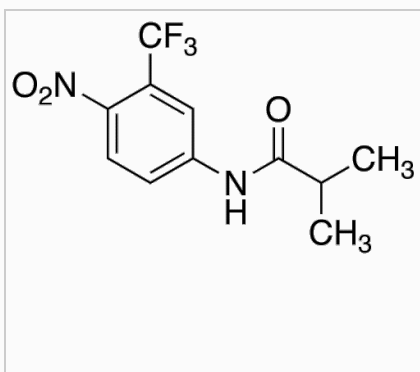
Catalogue Number: F598850

CAS Number: 13311-84-7

Product: Flutamide

Synonym: 2-Methyl-N-[4-nitro-3-(trifluoromethyl)phenyl]propanamide; N-(Isopropylcarbonyl)-4-nitro-3-trifluoromethylaniline; 4'-Nitro-3'-trifluoromethylisobutyranilide; Drognil; Euflex; Eulexin; Sch 13521;

Structure:



Molecular Formula:

C₁₁H₁₁F₃N₂O₃

Molecular weight:

276.21

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 1-HBN-113-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Light Yellow Solid	Pale Yellow to Light Yellow Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 47.45, %H: 3.77, %N: 10.00
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.97% (230 nm)

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol : Ammonium Hydroxide = 9 : 1 : 0.2; Visualized with UV and AMCS; Single Spot, R_f = 0.75. Elemental Analysis: (Theoretical) %C: 47.83, %H: 4.01, %N: 10.14

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Eric Beaton	My Nguyen	12/3/2019	12/1/2026
				