

**1. Identification**Catalogue Number

F455205

Lot Number

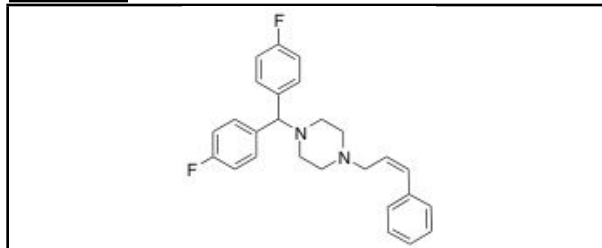
4-SUB-162-1

Product Name

(Z)-Flunarizine

Synonyms

1-[bis(4-Fluorophenyl)methyl]-4-[(2Z)-3-phenyl-2-propen-1-yl]-piperazine;

StructureCAS Number

693765-11-6

SolubilityChloroform (Slightly), Methanol
(Slightly)Shipping ConditionThis Product Is Stable To Be Shipped At Room
TemperatureMolecular Formula $C_{26}H_{26}F_2N_2$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

404.49

Purity

>95%

2. Warnings

Light sensitive

3. Analytical InformationTests

Appearance

Specifications

Colourless to Dark Yellow Oil to Thick Oil

Results

Clear Light Yellow to Dark Yellow Thick Oil

NMR

Conforms to Structure

Conforms

F NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 75.82, %H: 6.66, %N: 6.79

HPLC Purity

>95%

98.28% (205 nm)

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. 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. SignaturesReviewed by

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

8/22/2023

Retest Date

8/20/2027