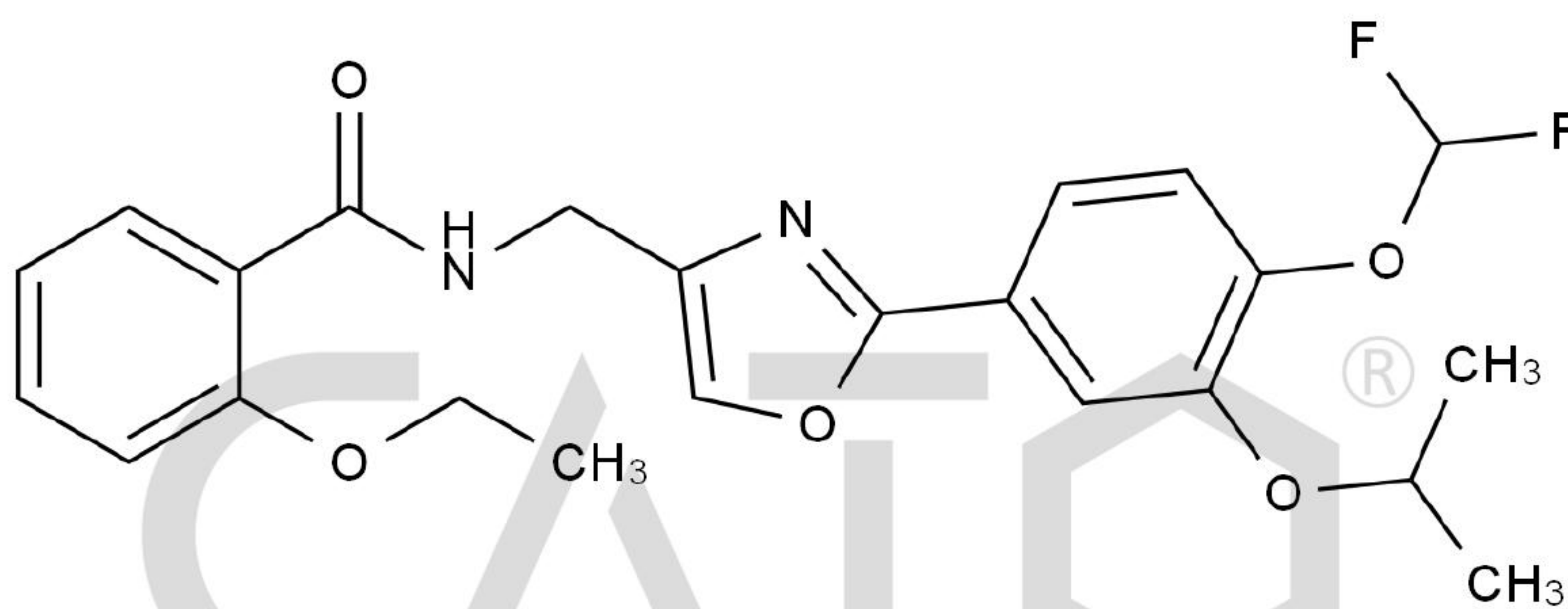


Certificate of Analysis

Reference Material & Standard

Product Name:	Difamilast	Catalogue Number:	C4X-2420
Synonyms:	N/A	Lot Number:	0805-RF-0061
CAS Number:	937782-05-3	Expiry Date:	Aug 08, 2027
Molecular Formula:	C ₂₃ H ₂₄ F ₂ N ₂ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	446.44		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.912%
Residue on Ignition	TGA	0.5039%
Loss On Drying	TGA	0.0132%
Assay		99.4%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 09, 2024

Date: Aug 09, 2024

Date: Aug 09, 2024

