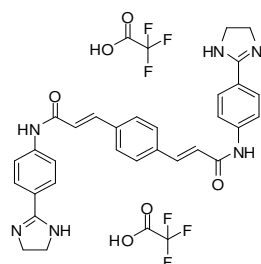


Certificate of Analysis

Axon Catalogue ID: 3289 **Batch Number:** 2
Product Name: GW4869 trifluoroacetate
Alternative Name(s): GW554869 TFA
IUPAC Name: 3-[4-[3-[4-(4,5-Dihydro-1H-imidazol-2-yl)anilino]-3-oxoprop-1-enyl]phenyl]-N-[4-(4,5-dihydro-1H-imidazol-2-yl)phenyl]prop-2-enamide trifluoroacetate

Structure:



Amount:

CAS number(s): 475570-61-7 (parent)
Molecular Formula: C₃₀H₂₈N₆O₂.2C₂HF₃O₂ **Molecular Weight:** 732.63
Batch Molecular Formula: C₃₀H₂₈N₆O₂.3C₂HF₃O₂.1H₂O **Batch Molecular Weight:** 864.67
Appearance: Yellow solid **Observed mp:** >300 °C
TLC (R_f): 0.51 DCM/MeOH (9:1)
Chemical Purity: 97.3%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 50.01, H 3.85, N 9.72; Found: C 50.36, H 4.09, N 9.72
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	2.9	3.4	
	EtOH			Not Tested

Remarks:

QC Date: 11-02-2021

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