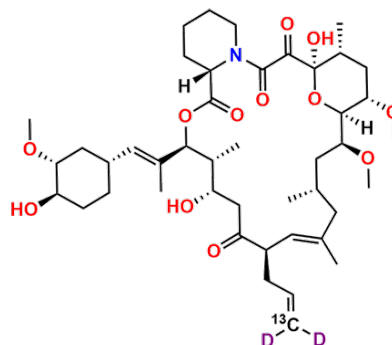


TACROLIMUS 13C D2

Identification

Chemical Name : Tacrolimus-13C,D2
CAT No : ALL-D01898
CAS No : 1356841-89-8
Molecular Formula : $C_{43}H_{67}NO_{12}$
Molecular Weight : 807.02
Exact Mass : 806.51



Analytical Information

Batch No	: ALL-D01898	HPLC Purity	: 93.10 %
Solubility	: MeOH: ACN	Potency	: 91.14 %
Appearance of Product	: Off White Solid	Isotopic Enrichment	: 98%
Long Term Storage	: 2-8 0C	Mass	: Confirm
Residue Of Ignition	: 0.876	IR Analysis	: Confirm
Weight Loss By TGA	: 1.220	1HNMR	: Confirm

Additional Information

%Potency = $[100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$
 $[100 - (1.220 + 0.876) \times 93.10] / 100 = 91.14 \%$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse QA Officer	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office