Certificate of Analysis

Pyridinium bisretinoid A2E (TFA)

Cat. No.: HY-134928A

CAS No.: 1821308-73-9

Batch No.: 430342

Chemical Name: Pyridinium, 2-[(1E,3E,5E,7E)-2,6-dimethyl-8-(2,6,6-trimethyl-1-cyclohexen-1-yl)-1,3,5,7-octatetra

en-1-yl]-1-(2-hydroxyethyl)-4-[(1E,3E,5E)-4-methyl-6-(2,6,6-trimethyl-1-cyclohexen-1-yl)-1,3,5-h

exatrien-1-yl]-, 2,2,2-trifluoroacetate (1:1

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{44}H_{58}F_3NO_3$ Molecular Weight:705.93

Storage: 4°C, sealed storage, away from moisture and light

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

Chemical Structure:

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ANALYTICAL DATA

Appearance: Brown to reddish brown (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (NMR): ≥90.0%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA