

Proteins

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Certificate of Analysis

IR-1048

Cat. No.: HY-D1450 CAS No .: 155613-98-2 Batch No.: 278137

Chemical Name: Benz[cd]indolium, 1-butyl-2-[2-[3-[2-(1-butyl-6-chlorobenz[cd]indol-2(1H)-ylidene)ethylidene]-2

-chloro-1-cyclohexen-1-yl]ethenyl]-6-chloro-, tetrafluoroborate(1-) (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{40}\mathsf{H}_{38}\mathsf{B}\mathsf{Cl}_3\mathsf{F}_4\mathsf{N}_2$

Molecular Weight: 739.91

-20°C, sealed storage, away from moisture and light Storage:

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

Chemical Structure:

ANALYTICAL DATA

Appearance: Brown to reddish brown (Solid)

¹H NMR Spectrum: Consistent with structure Consistent with structure

Purity (LCMS): ≥97.0%

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