

# Certificate of Analysis

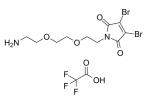
## 3,4-Dibromo-Mal-PEG2-amine (TFA)

Cat. No.:	HY-141004A
CAS No.:	2296708-07-9
Batch No.:	119792
Chemical Name:	1H-Pyrrole-2,5-dione, 1-[2-[2-(2-aminoethoxy)ethoxy]ethyl]-3,4-dibromo-, 2,2,2-trifluoroacetate
	(1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{12}H_{15}Br_2F_3N_2O_6$
Molecular Weight:	500.06
Storage:	-20°C, sealed storage, away from moisture
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

#### **Chemical Structure:**



### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥98.0%
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