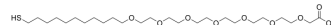


## Carboxy-EG6-undecanethiol

Cat. No.:	HY-W751932
CAS No.:	221222-49-7
Molecular Formula:	C <sub>25</sub> H <sub>50</sub> O <sub>9</sub> S
Molecular Weight:	526.72
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Carboxy-EG6-undecanethiol is an alkanethiol that suitable for self-assembly a gold thin-film substrate. Carboxy-EG6-undecanethiol can selectively capture HbA1c in sample by covalent coupling of 3-aminophenyl boronic acid (3-APBA)<sup>[1]</sup>.

### REFERENCES

[1]. Ahn KS, et, al. Luminol chemiluminescence biosensor for glycated hemoglobin (HbA1c) in human blood samples. Biosens Bioelectron. 2016 Jan 15:75:82-7.

**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