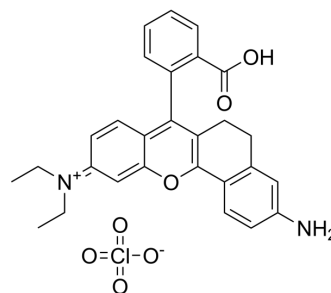


## hMSCs-Neu perchlorate

Cat. No.:	HY-D2260
CAS No.:	2320522-38-9
Molecular Formula:	C <sub>28</sub> H <sub>27</sub> ClN <sub>2</sub> O <sub>7</sub>
Molecular Weight:	538.98
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

hMSCs-Neu perchlorate (Compound 4) is a fluorescent probe that converts hMSCs into neurons in the presence of fibroblast growth factor (FGF). hMSCs-Neu perchlorate may have important applications in neuropathology and neurodegeneration research<sup>[1]</sup>.

### REFERENCES

[1]. Gupta V, et al. Ratiometric Fluorescent Probe Promotes Trans-differentiation of Human Mesenchymal Stem Cells to Neurons. ACS Chem Neurosci. 2024 Jan 17;15(2):222-229.

**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