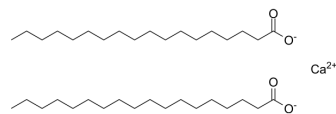


## Calcium stearate

Cat. No.:	HY-B2219A
CAS No.:	1592-23-0
Molecular Formula:	C <sub>36</sub> H <sub>70</sub> CaO <sub>4</sub>
Molecular Weight:	607.02
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### BIOLOGICAL ACTIVITY

Description	Calcium stearate is a long chain dietary saturated fatty acid which exists in many animal and vegetable fats and oils.	
IC <sub>50</sub> & Target	Microbial Metabolite	Human Endogenous Metabolite

### CUSTOMER VALIDATION

- Bioact Mater. 2024 Mar, 33, 85-99.
- Cell Death Dis. 2020 Sep 15;11(9):756.
- Cell Death Dis. 2019 May 28;10(6):416.
- Free Radic Biol Med. 2023 Mar 28;S0891-5849(23)00133-8.
- Mol Nutr Food Res. 2022 Nov 25;e2200429.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. Shen MC et al. Dietary stearic acid leads to a reduction of visceral adipose tissue in athymic nude mice. PLoS One. 2014 Sep 15;9(9):e104083.

**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](mailto:tech@MedChemExpress.com)

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