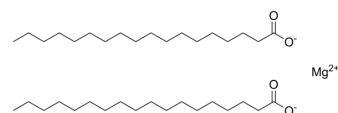


## Magnesium stearate

Cat. No.:	HY-Y1054
CAS No.:	557-04-0
Molecular Formula:	$C_{36}H_{70}MgO_4$
Molecular Weight:	591.24
Target:	Biochemical Assay Reagents
Pathway:	Others
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

Magnesium stearate is a commonly used pharmaceutical lubricant. But Magnesium stearate leads to an adverse effect on bonding between particles. Magnesium stearate can be used as an excipient, such as lubricant. Pharmaceutical excipients, or pharmaceutical auxiliaries, refer to other chemical substances used in the pharmaceutical process other than pharmaceutical ingredients. Pharmaceutical excipients generally refer to inactive ingredients in pharmaceutical preparations, which can improve the stability, solubility and processability of pharmaceutical preparations. Pharmaceutical excipients also affect the absorption, distribution, metabolism, and elimination (ADME) processes of co-administered drugs [1][2].

### REFERENCES

- [1]. Zuurman K, et al. Effect of magnesium stearate on bonding and porosity expansion of tablets produced from materials with different consolidation properties[J]. International journal of pharmaceutics, 1999, 179(1): 107-115.
- [2]. Elder DP, et al. Pharmaceutical excipients - quality, regulatory and biopharmaceutical considerations. Eur J Pharm Sci. 2016 May 25;87:88-99.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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