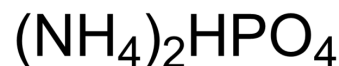


Diammonium phosphate

| | |
|--------------------|--|
| Cat. No.: | HY-Y0302 |
| CAS No.: | 7783-28-0 |
| Molecular Formula: | H ₉ N ₂ O ₄ P |
| Molecular Weight: | 132.06 |
| 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

Diammonium phosphate is a neutral and efficient catalyst in 1,8-Dioxo-octahydroxanthene derivatives synthesis. Diammonium phosphate can be used as an excipient, such as diuretic, buffer, effervescent. 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]. Darviche F, et al. Diammonium hydrogen phosphate as a neutral and efficient catalyst for synthesis of 1, 8-dioxo-octahydroxanthene derivatives in aqueous media[J]. Synthetic Communications, 2007, 37(7): 1059-1066.
- [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.

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