

Calcium hydrogen phosphate dihydrate

Cat. No.:	HY-Y0708		
CAS No.:	7789-77-7		
Molecular Formula:	CaH ₅ O ₆ P		
Molecular Weight:	172.09		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Calcium hydrogen phosphate dihydrate, also known as CHPD or DCPD. Calcium hydrogen phosphate dihydrate can be found quite frequently in urinary calculi stones. Calcium hydrogen phosphate dihydrate can be used as an excipient, such as diluent, adsorbent. 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]. Madhurambal G, et al. Crystallization and thermal characterization of calcium hydrogen phosphate dihydrate crystals[J]. Journal of thermal analysis and calorimetry, 2009, 96(1): 73-76.

[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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