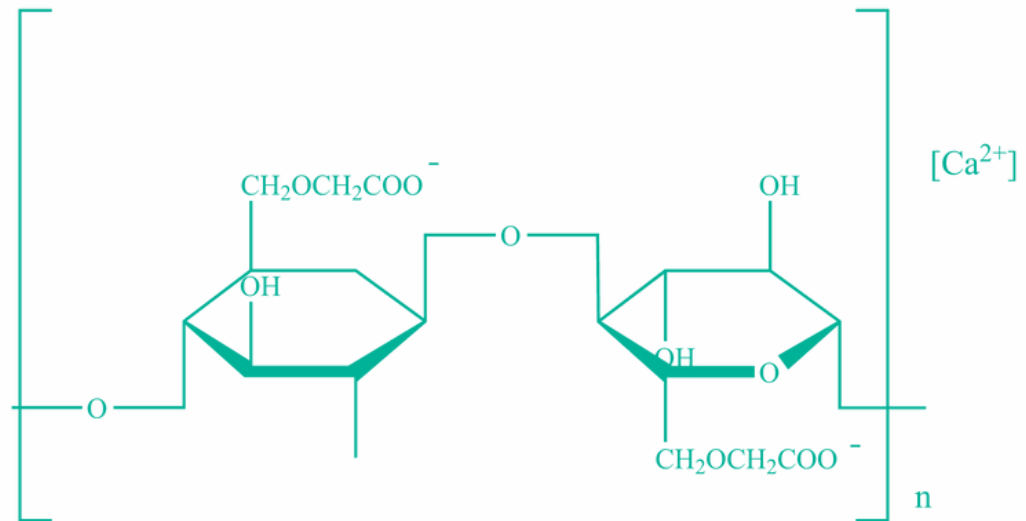


Carboxymethylcellulose calcium

CAS No.9050-04-8

Carboxymethylcellulose calcium is a calcium salt of partially substituted poly (carboxymethyl) ether of cellulose. It is commonly used as a disintegrant in pharmaceutical formulations, assisting the appropriate dissolution of tablets in the intestinal tract after oral administration.



Properties and Advantages

Properties

Carboxymethylcellulose calcium has high capillary action, rapid swelling properties, and efficient fluid channelling.

It is compatible with most active pharmaceutical ingredients and excipients, while having excellent long-term stability.

Due to its fibrous nature, it exhibits high compressibility and super disintegration properties.

Advantages

- ✓ Fast dissolution aid for tablets containing poorly soluble compounds,
- ✓ high water uptake,
- ✓ cost-efficiency,
- ✓ high mechanical strength (based on their high compressibility),
- ✓ excellent long-term stability.

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