

## Colesevelam hydrochloride

<b>Cat. No.:</b>	HY-106539
<b>CAS No.:</b>	182815-44-7
<b>Molecular Formula:</b>	$(C_3H_8NCl)_2 \cdot (C_9H_{20}N_2OCl_2) \cdot (C_{13}H_{28}NCl)_7 \cdot (C_{12}H_{28}N_2Cl_2)_6$
<b>Molecular Weight:</b>	3694.64
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Colesevelam (hydrochloride)

### BIOLOGICAL ACTIVITY

#### Description

Colesevelam (hydrochloride) is a bile acid sequestrant that bind bile acids in the gut. Colesevelam (hydrochloride) inhibits bile acid reabsorption, leading to increased bile acid synthesis and reduced cholesterol levels in patients with cholestatic pruritus and Crohn's disease.

### REFERENCES

- [1]. Potthoff MJ, Potts A, He T, et al. Colesevelam suppresses hepatic glycogenolysis by TGR5-mediated induction of GLP-1 action in DIO mice. *Am J Physiol Gastrointest Liver Physiol.* 2013;304(4):G371-G380.
- [2]. Cabré N, Duan Y, Llorente C, et al. Colesevelam Reduces Ethanol-Induced Liver Steatosis in Humanized Gnotobiotic Mice. *Cells.* 2021;10(6):1496.

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

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