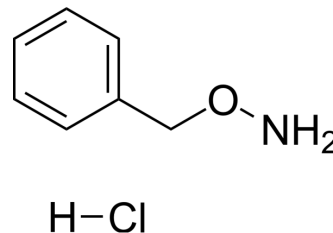


## O-Benzylhydroxylamine hydrochloride

Cat. No.:	HY-41915
CAS No.:	2687-43-6
Molecular Formula:	C <sub>7</sub> H <sub>10</sub> ClNO
Molecular Weight:	159.61
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

<b>Description</b>	O-Benzylhydroxylamine hydrochloride is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
<b>In Vitro</b>	O-Benzylhydroxylamine is a building block. It has been used in the synthesis of $\beta$ -lactam inhibitor precursors and fluoroquinolone derivatives with antibiotic activity. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Bellettini, JR, and Miller, MJA short synthesis of an important precursor to a new class of bicyclic  $\beta$ -lactamase inhibitors Tetrahedron Lett.38(2)167-168(1997)
- [2]. Asadipour, A., Moshafi, MH, Khosravani, L., et al.N-substituted piperazinyl sarafloxacin derivatives: synthesis and in vitro antibacterial evaluation Daru.26(2)199-207(2018)

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

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