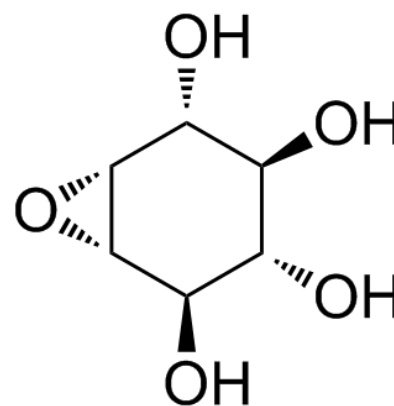


Product Name : Conduritol B epoxide
Cat. No. : PC-42291
CAS No. : 6090-95-5
Molecular Formula : C₆H₁₀O₅
Molecular Weight : 162.1406
Target : Other Targets
Solubility : H₂O: ≥ 22 mg/mL
4. Liou B, et al. Hum Mol Genet. 2016 Dec 1;25(23):5126-5141.



Biological Activity

A potent, specific, irreversible glucocerebrosidase (acid β -glucosidase) inhibitor with K_i of 53 μ M; does not inhibit non-lysosomal glucosylceramidase or cytosolic β -glucosidase; a useful tool to study Gaucher disease.

References

- Ogawa S, et al. Bioorg Med Chem Lett. 1999 Jun 7;9(11):1493-8.
Witte MD, et al. Nat Chem Biol. 2010 Dec;6(12):907-13.
Newburg DS, et al. Biochim Biophys Acta. 1986 Jun 11;877(1):121-6.

