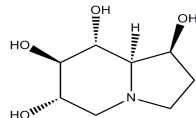


PRODUCT: Castanospermine**ALTERNATE NAME:** [1S-(1 α ,6 β ,7 α ,8 β ,8 $\alpha\beta$)]-Octahydro-1,6,7,8-indolizinetetrol**CATALOG #:** 2293-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₈H₁₅NO₄**MOLECULAR WEIGHT:** 189.21**CAS NUMBER:** 79831-76-8**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (~25 mg/ml) or Ethanol (~25 mg/ml)**PURITY:** ≥99% by TLC**STORAGE:** At -20°C. Protect from air and light**DESCRIPTION:** A potent inhibitor of α - and β -glucosidases. Exhibits antiviral properties. Inhibits HIV infectivity and thyroglobulin secretion. Displays antitumor and antiangiogenic activity. Also inhibits protein glycosylation.**REFERENCE:** Gruters, R.A., *et al.* (1987). *Nature* **330**, 74-77; Walker, B.D. *et al.* (1987). *Proc. Natl. Acad. Sci. USA* **84**, 8120-8124.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

ABT-869 (Cat. No. 1615-1, 5)

Angiostatin, Human (Cat. No. 4919-100, 500)

Angiostatin, K1-3, Human (Cat. No. 4920-20, 100, 500)

BAY 43-9006 (Cat. No. 1594-25, 100)

BAY 43-9006, Free base (Cat. No. 2142-25, 100)

EZSolution™ BAY 43-9006 (Cat. No. 2031-25)

BIBF1120 (Cat. No. 2167-5, 25)

Carbozantinib (Cat. No. 1935-5, 25)

Cediranib (Cat. No. 1613-1, 5)

Endostatin, human recombinant (Cat. No. 4759-20, 100, 100)

Alpha-Glucosidase Activity Colorimetric Assay Kit (Cat. No. K690-100)

GW-786034 (Cat. No. 1916-5, 25)

Motesanib (Cat. No. 2022-5, 25)

SU 1498 (Cat. No. 1836-1, 5)

SU 6 Thiabendazole (Cat. No. 2161-1G)

Tranilast (Cat. No. 1876-10, 50)

668 (Cat. No. 1931-5, 25)

Vandetanib (Cat. No. 1751-25, 100)

Vatalanib, dihydrochloride (Cat. No. 2025-5, 25)

Vatalanib, Free base (Cat. No. 2026-5, 25)

USAGE: *FOR RESEARCH CH USE ONLY! Not to be used in humans*