
CERTIFICATE OF ANALYSIS

PRODUCT: **Castanospermine**
(1S,6S,7R,8R,8AR)-OCTAHYDRO-1,6,7,8-
INDOLIZINETETROL
C₈H₁₅NO₄, M.W. 189.2, CAS# [79831-76-8]

PRODUCT NUMBER: C-1501

LOT NUMBER: J1165A

APPEARANCE: White to off-white solid

SOLUBILITY: Soluble in DMSO

PURITY (TLC): 99%

MELTING POINT: 212 - 214°

NMR: Conforms

DESCRIPTION: Potent inhibitor of α - and β -glucosidases. Exhibits antiviral properties. Inhibits HIV infectivity. Inhibits thyroglobulin secretion. Displays antitumor activity and anti-angiogenic activity. Inhibits protein glycosylation.

STORAGE & HANDLING: Store desiccated at +4°C.

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KLS