

Product Data Sheet

Product Name: Chondroitin ABC Lyase

Cat. No.: GF15326

Chemical Properties

Cas. No. 9024-13-9

Formula M.Wt

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Chondroitinase ABC (ChABC) is an enzyme that degrades glycosaminoglycan side-chains of chondroitin sulfate (CS-GAG) from the chondroitin sulfate proteoglycan (CSPG) core protein. Chondroitinase ABC facilitates reinnervation by degrading CS-GAGs around motoneurons. Chondroitinase ABC has the potential for the research of spinal injury.

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

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- [1]. Mahajan R, et al. Chondroitinase ABC Enzyme: A Potential Treatment Option for Spinal Cord Injury. Int J Appl Basic Med Res. 2018 Oct-Dec;8(4):203.
- [2]. Takiguchi M, et al. Chondroitinase ABC Administration Facilitates Serotonergic Innervation of Motoneurons in Rats With Complete Spinal Cord Transection. Front Integr Neurosci. 2022 Jun 30;16:881632.

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