

Product Data Sheet

Product Name: Annaosanchun(YC-6)

Cat. No.: GF16728

Chemical Properties

Cas. No. 4725-51-3

Formula C₁₉H₃₂O₃

M.Wt 308.46

Solubility DMSO : ≥ 125 mg/mL (405.24 mM) Storage -20°C, sealed storage, away from moisture

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

5 α -Androstane-3 β ,5,6 β -triol is a neuroprotectant. 5 α -Androstane-3 β ,5,6 β -triol can remarkably reverse intracellular acidification and alleviate neuronal injury through the inhibition of AMPK signaling. 5 α -Androstane-3 β ,5,6 β -triol remarkably reduced the infarct volume and attenuated neurologic impairment in acute ischemic stroke models of middle cerebral artery occlusion in vivo. [1]. Xue D, et al. TRIOL Inhibits Rapid Intracellular Acidification and Cerebral Ischemic Injury: The Role of Glutamate in Neuronal Metabolic Reprogramming. ACS Chem Neurosci. 2022 Jun 30.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA