

(2S,5R)-3-(Azidomethyl)-3-methyl-7-oxo-4,4-dioxide-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic Acid Diphenylmethyl Ester

Art. ID TRC-A824955-10MG
Unit 10 mg
Deliverydetails No Dangerous Good

Description

Appearance: White Solid /// Application Notes:

(2S,5R)-3-(Azidomethyl)-3-methyl-7-oxo-4,4-dioxide-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic Acid Diphenylmethyl Ester is an intermediate in the synthesis of Tazobactam Sodium Salt-13C₂,15N₁ (T010102), which is the labelled analogue of Tazobactam Sodium Salt (T010100), which is a beta-Lactamase inhibitor, used with beta-lactam antibiotics to enhance their effect. /// References: Gould, I.M., et al.: Drugs Exp. Clin. Res., 17, 187 (1991), Roland, R.K., et al.: J. Infect. Dis., 4, 226 (2000), Bonomo, R.A., et al.: Biochim. Biophys. Acta, 1547, 196 (2001)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	(2S,5R)-3-(Azidomethyl)-3-methyl-7-oxo-4,4-dioxide-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic Acid Diphenylmethyl Ester					