

3-Azido-3-methyl-8-oxo-5,5-dioxide-5-thia-1-azabicyclo[4.2.0]octane-2-carboxylic Acid Diphenylmethyl Ester-15N

Art. ID TRC-A853012-1MG
Unit 1 mg
Deliverydetails No Dangerous Good

Description

Appearance: White Solid /// Application Notes:

3-Azido-3-methyl-8-oxo-5,5-dioxide-5-thia-1-azabicyclo[4.2.0]octane-2-carboxylic Acid Diphenylmethyl Ester-15N is an impurity in the synthesis of Tazobactam Sodium Salt-13C₂,15N₁, 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
	3-Azido-3-methyl-8-oxo-5,5-dioxide-5-thia-1-azabicyclo[4.2.0]octane-2-carboxylic Acid Diphenylmethyl Ester-15N					