

Product Name : Lenampicillin hydrochloride

Synonyms : KBT-1585 hydrochloride

Cat No. : M16018

CAS Number : 80734-02-7

Molecular Formula : C₂₁H₂₄ClN₃O₇S

Formula Weight : 497.95

Chemical Name : 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[[[(2R)-2-amino-2-phenylacetyl]amino]-3,3-dimethyl-7-oxo-, (5-methyl-2-oxo-1,3-dioxol-4-yl)methyl ester, hydrochloride (1:1), (2S,5R,6R)-

Description : An efficient prodrug of ampicillin with enhanced absorption and decreased side effects.

Pathway : GPCR/G Protein

Target : Antibacterial

Receptor : Antibacterial

Solubility : 10 mM in DMSO

SMILES : O=C([C@@H](C(C)C)S[C@]1([H])[C@@H]2NC([C@H](N)C3=CC=CC=C3)=O)N1C2=O)OCC4=C(C)OC(O4)=O.[H]Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Miki F, et al. Kansenshogaku Zasshi. 1985 Jun;59(6):605-38. | 2. Fujita K, et al. Jpn J Antibiot. 1985 Jun;38(6):1423-67. | 3. Akimoto Y, et al. Gen Pharmacol. 1991;22(5):797-800.

