

General Properties

International nonproprietary name (INN)

Amoxicillin-Potassium Clavulanate
Combination

IUPAC name

potassium (3Z,5R)-3-(2-hydroxyethylidene)-7-oxo-4-oxa-1-azabicyclo[3.2.0]heptane-2-carboxylate - (2S,5R,6R)-6-[[[(2R)-2-amino-2-(4-hydroxyphenyl)acetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid (1:1:1)

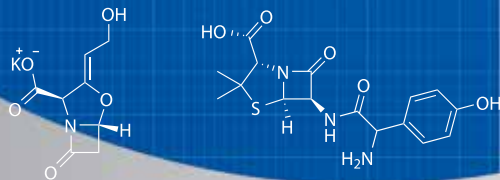
Cas registry No.

74469-00-4

indication

Beta-lactamase inhibitor, potentiation of the action of amoxicillin and ticarcillin.

structure



POTASSIUM CLAVULANATE + AMOXICILLIN

Physical form and appearance White or almost white crystalline powder, hygroscopic

Physical state solid

Form powder

Molecular weight 602.11

Molecular formula $C_{24}H_{27}KN_4O_{10}S$

Identification HPLC

Assay(HPLC) 1:4 Clav anhydrous (175-204)/ Amoxi(698-816)
1:7 Clav anhydrous (110-130)/ Amoxi (772-903)

Storage Preserve in tight containers.

