

General Properties

International nonproprietary name (INN)

Potassium Clavulanate + Microcrystalline Cellulose

IUPAC name

potassium;(2R,3Z,5R)-3-(2-hydroxyethylidene)-7-oxo-4-oxa-1-azabicyclo[3.2.0]heptane-2-carboxylate & 2-[4,5-dihydroxy-2-(hydroxymethyl)-6-methoxyoxan-3-yl]oxy-6-(hydroxymethyl)-5-methoxyoxane-3,4-diol.

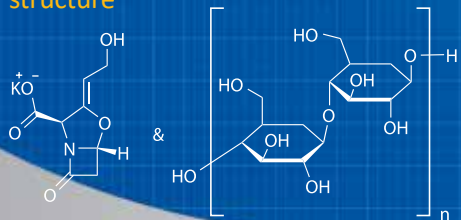
Cas registry No.

61177-45-5 & 9004-34-6

indication

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

structure



Clavulanate potassium + microcrystalline cellulose (BP,EP)

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

Physical state solid

Form powder

Molecular weight 237.3 (just for potassium clavulanate)

Molecular formula $C_8H_8KNO_5 + (C_6H_{10}O_5)_n$

Identification HPLC and UV

Solubility P.C. is soluble in water freely, M.C. is insoluble in water.

Storage Preserve in well-closed containers.

