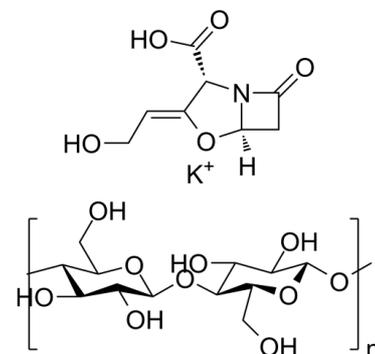


Data Sheet

Product Name:	Potassium clavulanate cellulose
Cat. No.:	CS-5483
Molecular Formula:	C ₈ H ₉ NO ₅ K · (C ₆ H ₁₀ O ₅) _n
Molecular Weight:	238.26 (Potassiumclavulanate)
Target:	Bacterial
Pathway:	Anti-infection
Solubility:	H ₂ O : < 0.1 mg/mL (insoluble)



BIOLOGICAL ACTIVITY:

Potassium clavulanate cellulose is a mixture of potassium clavulanate and cellulose, is a beta-lactamase inhibitor. Target: Antibacterial
Clavulanate potassium is a form of Clavulanic acid, which is similar to penicillin. Clavulanate potassium fights bacteria that is often resistant to penicillins and other antibiotics. The combination of amoxicillin and clavulanate potassium is used to treat many different infections caused by bacteria, such as sinusitis, pneumonia, ear infections, bronchitis, urinary tract infections, and infections of the skin.

SMILES:

O[C@H]1[C@H](O[C@H]2[C@H](O)[C@@H](O)[C@H](C)[C@@H](CO)O2)[C@@H](CO)O[C@@H](OC)[C@@H]1O.O=C([C@@H](/C(O[C@H]3([H])C4)=C/CO)N3C4=O)O.[n].[K+]

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA