

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

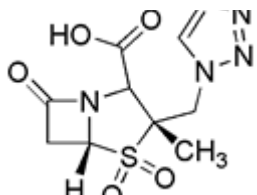
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 15165

Product

Tazobactam (Free acid)

(2S,3S,5R)-3-Methyl-4,4,7-trioxo-3-[1,2,3]triazol-1-

CAS Number

89786-04-9

Molecular Formula

C₁₀H₁₂N₄O₅S

Molecular Weight

300.29

Appearance

White to off-white solid

Clarity & Color

≤ No. 1 (clarity); ≤ No. 4 (color)

Heavy Metals

≤ 20 ppm

**Water Content (Karl
Fisher)**

≤ 4%

pH

2.0-2.5

Optical Rotation

+127 to + 139 °

Infrared Spectrum

Conforms to structure

Residual Solvents

≤ 0.1% (ethanol), ≤ 0.1% ethyl acetate, ≤ 0.06%
Dichloromethane

Related Substances

≤ 2% (single), ≤ 4% (total)

Residue On Ignition

≤ 0.1%

Purity by HPLC

≥ 99% (dry)

Storage

Store at 0-8°C

For Laboratory Use Only