



LKT Laboratories, Inc.

Roquefortine C

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Product Information

Product ID R580665

CAS No. 58735-64-1

Chemical Name (3E,5aS,10bR)-10b-(1,1-dimethyl-2-propen-1-yl)-6,10b,11,11aS-tetrahydro-3-(1H-imidazol-5-ylmethylene)-2H-pyrazino[1',2':1,5]pyrrolo[2,3-b]indole-1,4(3H,5aH)-dione

Synonym Roquefortine; NSC292134; NSC 292134; Roquefortin; Rorifone

Formula C₂₂H₂₃N₅O₂

Formula Wt. 389.46

Melting Point 202-205 °C

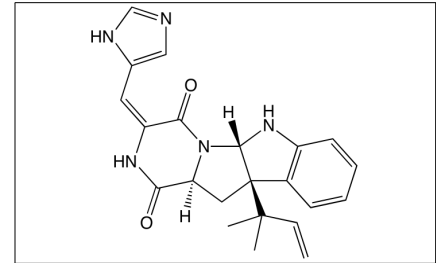
Purity

Solubility Soluble in ethanol, methanol (10 mg/ml), DMSO (10 mg/ml), DMF, and slightly soluble in water

Store Temp -20 °C

Ship Temp Ambient

Description Roquefortine C is a mycotoxin produced by various fungi including the *Penicillium* molds. It was first isolated from a strain of *Penicillium roqueforti*, a species commercially used to make various cheeses.



Bulk quantities available upon request

Product ID	Size
R580665	100 µg
R580665	1 mg
R580665	5 mg

References Polonsky J, Merrien MA, Scott PM. Roquefortine and isofumigaclavine A, alkaloids from *Penicillium roqueforti*. *Ann Nutr Aliment.* 1977;31(4-6):963-8. PMID: 613945.

Finoli C1, Vecchio A, Galli A, Dragoni I. Roquefortine C occurrence in blue cheese. *J Food Prot.* 2001;64(2):246-51. PMID: 11271775

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.