



LKT Laboratories, Inc.

5S rRNA modifier

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Product Information

Product ID S0072

CAS No. 1415238-77-5

Chemical Name 1H-imidazol-1-yl(2-methyl-3-furanyl)-methanone

Synonym 2-Methyl-3-furoic acid imidazolid, FAI, Furoyl acylimidazole 5S rRNA modifier

Formula C₉H₈N₂O₂

Formula Wt. 176.18

Melting Point

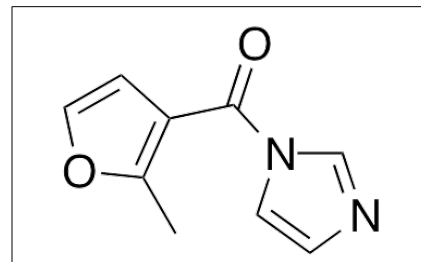
Purity ≥98%

Solubility DMSO: ≥ 52 mg/mL

Store Temp -20°C

Ship Temp Ambient

Description 5S rRNA modifier is an electrophile used in 2'-hydroxyl acylation of RNA. This molecule has been used to probe the secondary structure of mouse embryonic stem cell 5S rRNA in vitro



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
S0072	1 mg	\$86.80
S0072	5 mg	\$156.00
S0072	25 mg	\$390.30

References Spitale R, Crisalli P, Flynn R, et al. RNA SHAPE analysis in living cells. Nat Chem Biol. 2013 Jan;9(1):18-20. PMID: 23178934.

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