
Product Data Sheet

Product Name: ACPK
Cat. No.: GC35241

Chemical Properties

Cas. No. 1304056-21-0

SMILES N[C@@H](CCCCNC(O[C@H]1[C@H](N=[N+]=[N-])CCC1)=O)C(O)=O

Formula $C_{12}H_{21}N_5O_4$ M.Wt 299.33

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

ACPK is a pyrrolysine analogue bearing an azide residue.

[1]. Yang M, et al. Biocompatible click chemistry enabled compartment-specific pH measurement inside E. coli. Nat Commun. 2014 Sep 19;5:4981.

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

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