

Product Data Sheet

Product Name: Z-Arg-Arg-βNA acetate

Cat. No.: GC73810

Chemical Properties

Cas. No. 2237216-27-0

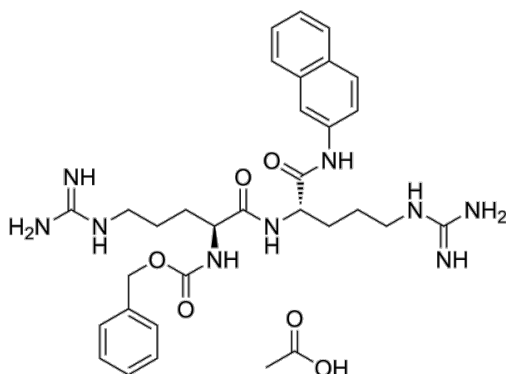
Formula C₃₂H₄₃N₉O₆ M.Wt 649.74

Solubility DMSO : 125 mg/mL (192.38 mM; Storage Sealed storage, away from moisture
Need ultrasonic)

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

Z-Arg-Arg-βNA acetate is a sensitive dipeptide substrate of the protease Cathepsin B and resistant to

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

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proteases H and L. Z-Arg-Arg-βNA acetate can serve as an important tool for distinguishing non-Cathepsin B type proteins.

References:

[1]. Kesik M, Jedlina-Panasiuk L, Kozak-Cieszczyk M, Płucienniczak A, Wedrychowicz H. Enteral vaccination of rats against *Fasciola hepatica* using recombinant cysteine proteinase (cathepsin L1). Vaccine. 2007 May 4;25(18):3619-28.

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