# Product Data Sheet

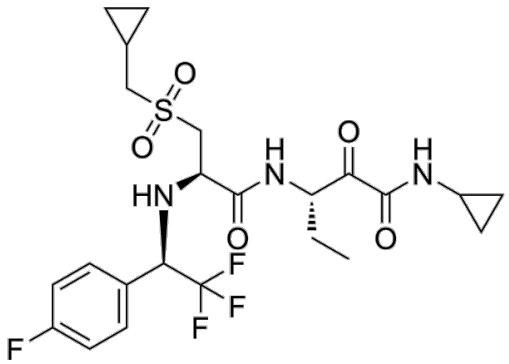
Product Name: (S,R,R)-VBY-825
Cat. No.: GC73839

## Chemical Properties

Cas. No.

| | | | |
|---|---|---|---|
| Formula | $C_{23}H_{29}F_4N_3O_5S$ | M.Wt | 535.55 |
| Solubility | DMSO : 160 mg/mL (298.76 mM; Need ultrasonic) | Storage | -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

# Product Data Sheet

(S, R, R)-VBY-825 is the isomer of VBY-825 , and can be used as an experimental control. VBY-825 is a novel reversible inhibitor of cathepsin with high inhibition of cathepsin B, L, S and V.

References:

[1]. Elie BT, et al. Identification and pre-clinical testing of a reversible cathepsin protease inhibitor reveals anti-tumor efficacy in a pancreatic cancer model. Biochimie. 2010 Nov;92(11):1618-24.

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

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