
Product Data Sheet

Product Name: Abz-Gly-Ile-Val-Arg-Ala-Lys(Dnp)-OH

Cat. No.: GA20457

Chemical Properties

Cas. No. 827044-38-2

Formula $C_{41}H_{61}N_{13}O_{12}$ M.Wt 928.02Solubility Soluble in DMSO Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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**

Abz-GIVRAK(Dnp), a very efficient and selective FRET substrate for human cathepsin B ($K_m = 5.9 \mu M$, $k_{cat} = 43 s^{-1}$, $k_{cat}/K_m = 7288 mM^{-1}s^{-1}$). The k_{cat}/K_m values for cathepsin K, L, V, X, and cruzain were 133.3, 100, 32, 17, and $75 mM^{-1}$

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

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