



LKT Laboratories, Inc.

Dansyl-YVG

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Product Information

Product ID D0254

CAS No. 113527-49-4

Chemical Name

Synonym

Formula $C_{28}H_{34}N_4O_7S$

Formula Wt. 571.63

Melting Point

Purity $\geq 95\%$

Solubility

Dansyl-Tyr-Val-Gly

Product ID	Size
D0254	25 mg
D0254	50 mg
D0254	125 mg

Store Temp $-20^{\circ}C$

Ship Temp Ambient

Description Dansyl YVG is a peptide substrate of peptidylglycine monooxygenase and peptidylglycine α -amidating enzyme.

References Bauman AT, Yukl ET, Alkevich K, et al. The hydrogen peroxide reactivity of peptidylglycine monooxygenase supports a Cu(II)-superoxo catalytic intermediate. *J Biol Chem.* 2006 Feb 17;281(7):4190-8. PMID: 16330540.

Miller DA, Sayad KU, Kulathila R, et al. Characterization of a bifunctional peptidylglycine alpha-amidating enzyme expressed in Chinese hamster ovary cells. *Arch Biochem Biophys.* 1992 Nov 1;298(2):380-8. PMID: 1384431.

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