

DABCYL-LPETG-EDANS

Cat. No.:	HY-P5481
CAS No.:	1807943-24-3
Molecular Formula:	C ₄₉ H ₆₂ N ₁₀ O ₁₂ S
Molecular Weight:	1015.14
Sequence:	{DabcyI}-Leu-Pro-Glu-Thr-Gly-[Edans]
Sequence Shortening:	{DabcyI}-LPETG-[Edans]
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

DABCYL-LPETG-EDANS is a biological active peptide. (This 5-amino acid peptide is a sortase substrate, C-terminal sorting signal. Sortase cleaves surface proteins at the LPXTG motif and catalyzes the formation of an amide bond between the carboxyl group of threonine and the amino group of cell-wall crossbridges. Sortases are a family of Gram-positive transpeptidases responsible for anchoring surface protein virulence factors to the peptidoglycan cell wall layer. Cleavage of this FRET substrate by sortase reveals the fluorescent signal, Abs/Em = 340/490 nm.)

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA