

Product Name : Bacterial Sortase Substrate III, Abz/DNP

Synonyms : —

Cat No. : M30333

CAS Number : —

Molecular Formula : C₄₁H₅₇N₁₁O₁₄

Formula Weight : 928

Chemical Name : Sequence:Abz-{Leu}{Pro}{Glu}{Thr}{Gly}{Lys(Dnp)}-NH₂

Description : The *Staphylococcus aureus* transpeptidase Sortase A (SrtA) anchors virulence and colonization-associated surface proteins to the cell wall. SrtA selectively recognizes a C-terminal LPXTG motif. SrtA readily reacts with its native substrate Abz-LPETG-Dap(DNP)-NH₂, cleaving it and catalyzing the formation of an amide bond between the carboxyl group of threonine and the amino group of cell-wall crossbridges.

Pathway : Others

Target : Other Targets

Receptor : —

Solubility : —

SMILES : —

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

Zhang J, et al. Antiinfective therapy with a small molecule inhibitor of *Staphylococcus aureus* sortase. *Proc Natl Acad Sci U S A*. 2014 Sep 16;111(37):13517-22.