

## Bz-Ile-Glu-Gly-Arg-pNA HCl

| Catalog      | Unit  |
|--------------|-------|
| TBP0116-5MG  | 5 mg  |
| TBP0116-10MG | 10 mg |

### Description

Bz-Ile-Glu-Gly-Arg-pNA·HCl is a chromogenic substrate specifically designed for the detection and quantification of Factor Xa activity. Upon cleavage by Factor Xa, the substrate releases p-nitroaniline (pNA), a chromophore that exhibits a measurable absorbance at 405 nm, allowing for precise spectrophotometric analysis of enzymatic activity.

### Product Details

**Formal Name:** Bz-Ile-Glu-Gly-Arg-pNA acetate salt

**Alternative names:** S222; FXa substrate; N $\alpha$ -Benzoyl-L-isoleucyl-L-glutamyl-glycyl-L-arginine-4-nitroanilide

**Molecular Formula:** C<sub>32</sub>H<sub>43</sub>N<sub>9</sub>O<sub>9</sub> · HCl

**Formula Weight:** 734.2

**CAS Number:** 59068-47-2

**Purity:** > 95%

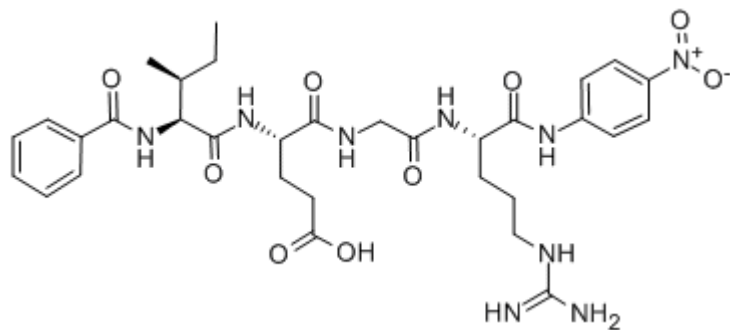
**Formulation:** powder

**Storage:** -20°C

**Stability:** >2 years

**Solubility:** DMSO

**Application:** Factor Xa activity determination



For research use only