

Benzoyl-Leu-Gly-Arg-Aminoluciferin

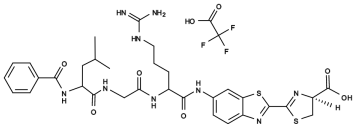
Catalog number: 13000

Unit size: 1 mg

Product Details

Storage Conditions	Freeze (<15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Off white solid
Molecular Weight	823.86
Soluble In	DMSO
Chemical Structure	

Applications

This aminoluciferin-based probe is a luminogenic substrate for complement component C3/C5 convertases, coagulation factor Xa, and soybean trypsin-like enzyme. It is also hydrolyzed by macropain, a high molecular weight thiol proteinase from human erythrocytes. The protease-released D-aminoluciferin can be detected using our luciferase assay kits. Benzoyl-Leu-Gly-Arg-Aminoluciferin is much more sensitive than Boc-Leu-Gly-Arg-AMC, the widely used fluorogenic AMC substrate.