

Product Datasheet

FALGPA TFA (orb1980079)

Description	FALGPA, a colorimetric substrate for collagenase, exhibits selectivity over trypsin, thermolysin, and elastase. It uniquely interacts with collagenase, which binds to and cleaves the Leu-Gly (LG) peptide sequence, releasing the furanacryloyl group. This release is measurable through colorimetric detection between 324 and 345 nm, serving as an indicator of collagenase activity. Additionally, FALGPA facilitates the identification of inhibitors for <i>C. histolyticum</i> collagenase.
Storage	-20°C
Note	For research use only
Formula	$C_{23}H_{32}N_4O_7 \cdot XCF_3COOH$
Purity	98.00%
MW	476.52
SMILES	<chem>O=C(C=CC1=CC=CO1)N[C@@H](CC(C)C)C(NCC(N2[C@H](C(N[C@@H](C)C(O)=O)=O)CCC2)=O)=O.OC(C(F)(F)F)=O</chem>
Expiration Date	12 months from date of receipt.

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