PRODUCT DATA SHEET

BML-P1107  E-64-D
Calpain and cathepsin inhibitor

Product Number/Sizes
| BML-P1107-0005 | 5 mg |
| BML-P1107-0001 | 1 mg |

Cell-permeable, ethyl ester of E-64-c. The ester is hydrolyzed by intracellular esterases to produce E-64-c. Inhibits calpain and cathepsins B, H, and L. Inhibits degradation of autophagic cargo inside autophagolysosomes.

Product Specifications
- Alternative Name: 2S,3S-trans-(Ethoxycarbonyloxirane-2-carbonyl)-L-leucine-(3-methylbutyl) amide, Aloxistatin
- FORMULA: \(C_{17}H_{30}N_2O_5\)
- MW: 342.4
- PURITY: ≥98% (TLC)
- APPEARANCE: White solid.
- CAS: 88321-09-9
- SOLUBILITY: Soluble in 100% ethanol (>10mg/ml) or DMSO (20mg/ml).
- LONG TERM STORAGE: -20°C
- HAZARD: HARMFUL.

Product Literature References


Background/Technical Information
Please click here for the comprehensive product datasheet.

Revised 22-Feb-12

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

MATERIAL SAFETY DATA: This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. This information contains some, but not all, of the information required for the safe and proper use of this material. Before use, the user must review the complete Material Safety Data Sheet.

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