Print Date: Jul 5th 2024

Certificate of Analysis

Product Name: **EN67, phenol** **Catalog No.: 8003** **Batch No.: 1**

IUPAC Name: *N*-[[3-(3-Fluoro-4-hydroxyphenyl)-4,5-dihydro-5-isoxazolyl]methyl]-2-propenamide

1. PHYSICAL AND CHEMICAL PROPERTIES

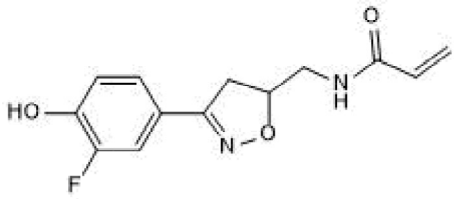
Batch Molecular Formula: $C_{13}H_{13}FN_2O_3$

Batch Molecular Weight: 264.26

Physical Appearance: Pale pink solid

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 96.6% purity

^{1}H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

bio-techne.com
info@bio-techne.com
techsupport@bio-techne.com

North America
Tel: (800) 343 7475

China
info.cn@bio-techne.com
Tel: +86 (21) 52380373

Europe Middle East Africa
Tel: +44 (0)1235 529449

Rest of World
www.tocris.com/distributors
Tel:+1 612 379 2956

Product Name: **EN67, phenol** **Catalog No.: 8003** **1**

IUPAC Name: *N*-[[3-(3-Fluoro-4-hydroxyphenyl)-4,5-dihydro-5-isoxazolyl]methyl]-2-propenamide

Description:

EN67, phenol is a UBE2D building block. It covalently binds with the allosteric C111 residue on E2 ubiquitin-conjugating enzymes UBE2D. It can be used in targeted protein degraders to degrade neo-substrate targets, including the target proteins BRD4 and androgen receptor, in a UBE2D-dependent manner.

Physical and Chemical Properties:

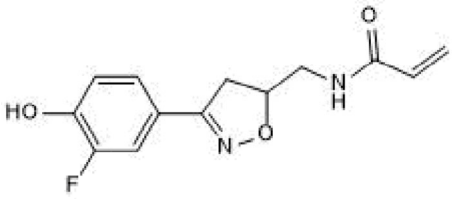
Batch Molecular Formula: $C_{13}H_{13}FN_2O_3$

Batch Molecular Weight: 264.26

Physical Appearance: Pale pink solid

Minimum Purity: ≥95%

Batch Molecular Structure:



Storage: Store at -20°C

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. *Unless contradicted by product-specific protocols or instructions, our standard recommendations apply:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References:

Forte *et al* (2023) Targeted Protein Degradation through E2 Recruitment. ACS Chem.Biol. ***18*** 897. PMID: 36940189.

bio-techne.com
info@bio-techne.com
techsupport@bio-techne.com

North America
Tel: (800) 343 7475

China
info.cn@bio-techne.com
Tel: +86 (21) 52380373

Europe Middle East Africa
Tel: +44 (0)1235 529449

Rest of World
www.tocris.com/distributors
Tel:+1 612 379 2956