

Product Name: Rucaparib camsylate

Catalog No.: 6230

Batch No.: 1

CAS Number: 1859053-21-6

IUPAC Name: 8-Fluoro-1,3,4,5-tetrahydro-2-[4-[(methylamino)methyl]phenyl]-6H-pyrrolo[4,3,2,ef][2]benzazepin-6-one (1*S*,4*R*)-7,7-dimethyl-2-oxobicyclo[2.2.1]heptane-1-methanesulfonic acid

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₉H₁₈FN₃O.C₁₀H₁₆O₄S

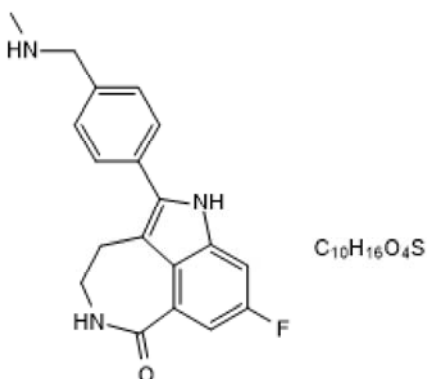
Batch Molecular Weight: 555.66

Physical Appearance: Pale yellow solid

Solubility: DMSO to 100 mM

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.5% purity

¹H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	62.68	6.17	7.56
Found	62.62	6.18	7.52

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Description:

PARP inhibitor. Chemosensitizes colorectal cancer cells to temozolomide (Cat.No. 2706) and topotecan (Cat.No. 4562) in vitro and in vivo.

Physical and Chemical Properties:

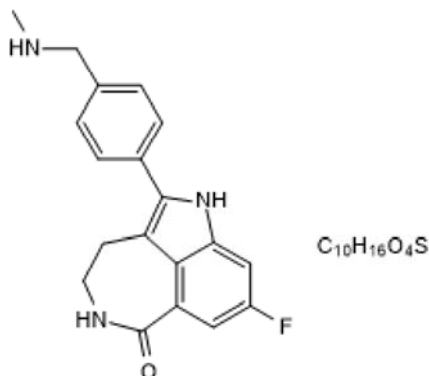
Batch Molecular Formula: C₁₉H₁₈FN₃O.C₁₀H₁₆O₄S

Batch Molecular Weight: 555.66

Physical Appearance: Pale yellow solid

Minimum Purity: ≥98%

Batch Molecular Structure:



Storage: Store at -20°C

Solubility & Usage Info:

DMSO to 100 mM

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. Our standard recommendations are:

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.

Licensing Information:

Sold for research purposes under agreement from Pfizer Inc.

References:

Thomas *et al* (2007) Preclinical selection of a novel poly(ADP-ribose) polymerase inhibitor for clinical trial. *Mol.Cancer Ther.* **6** 945. PMID: 17363489.

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