

Product Name: SA-15-P

Catalog No.: 8050

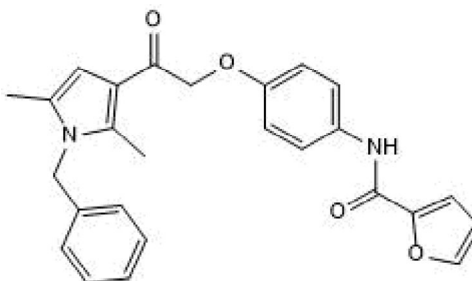
Batch No.: 1

CAS Number: 852846-00-5

IUPAC Name: *N*-[4-[2-[2,5-Dimethyl-1-(phenylmethyl)-1*H*-pyrrol-3-yl]-2-oxoethoxy]phenyl]-2-furancarboxamide

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₆H₂₄N₂O₄.
Batch Molecular Weight: 428.49
Physical Appearance: Off-white 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	72.88	5.65	6.54
Found	72.83	5.65	6.53

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

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Description:

SA-15-P is a dual inhibitor of the interaction of lymphocyte activation gene 3 (LAG3) with both the major histocompatibility complex class II (MHCII) and fibrinogen-like protein 1 (FGL1) (IC₅₀ values from TR-FRET assay are 4.2 μM and 6.5 μM respectively).

Physical and Chemical Properties:

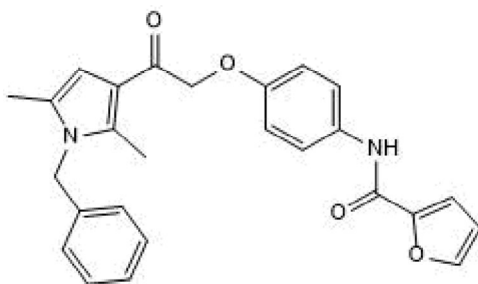
Batch Molecular Formula: C₂₆H₂₄N₂O₄.

Batch Molecular Weight: 428.49

Physical Appearance: Off-white solid

Minimum Purity: ≥98%

Batch Molecular Structure:



References:

Abdel-Rahman et al (2023) Discovery of first-in-class small molecule inhibitors of lymphocyte activation gene 3 (LAG-3). ACS Med.Chem.Lett. **14** 629. PMID: 37197466.

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. *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.

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