

Nudifloramide

Cat. No. ALK-0142

Lot. No. (See product label)



Product Name

Nudifloramide

CAS No.

701-44-0

Synonyms

2PY

Description

Nudifloramide (2PY) is one of the end products of nicotinamide-adenine dinucleotide (NAD) degradation. Nudifloramide significantly inhibits poly(ADP-ribose) polymerase (PARP-1) activity in vitro.

Structural Formula

Nudifloramide

MW

152.15

MF

C₇H₈N₂O₂

Purity

0.9886

Appearance

Solid

Solubility

DMSO : 62.5 mg/mL(410.78 mM;Need ultrasonic) H₂O : 33.33 mg/mL(219.06 mM;Need ultrasonic)

Shipping

Room temperature in continental US; may vary elsewhere.

SMILES

O=C(C(C=C1)=CN(C)C1=O)N

In Vitro

Nudifloramide is a more powerful inhibitor of PARP-1 than nicotinamide.

Storage

-20°C for 3 years

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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