CD BioGlyco
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Product Information

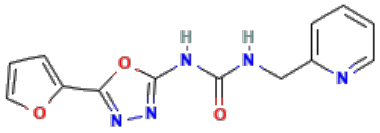
Keap1-Nrf2 inhibitor NK-252, Purity ≥98%

Cat. No.: X23-10-ZQ638

Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 1414963-82-8

Compound CID: 71618700



Synonym: NK-252; 1414963-82-8; NK 252;

1-(5-(Furan-2-yl)-1,3,4-oxadiazol-2-yl)-3-(pyridin-2-ylmethyl)urea;

1-[5-(Furan-2-yl)-1,3,4-oxadiazol-2-yl]-3-(pyridin-2-ylmethyl)urea; *N*

-[5-(2-Furanyl)-1,3,4-oxadiazol-2-yl]-*N*′-(2-pyridinylmethyl)-urea; Keap1-Nrf2 inhibitor

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	NK-252 is an active small molecule compound that mediates the Keap1-Nrf2 signaling pathway.
Molecular Weight	285.26
Molecular Formula	$C_{13}H_{11}N_5O_3$
IUPAC Name	1-[5-(Furan-2-yl)-1,3,4-oxadiazol-2-yl]-3-(pyridin-2-ylmethyl)urea
InChI	InChI=1S/C13H11N5O3/c19-12(15-8-9-4-1-2-6-14-9)16-13-18-17-11(21-13)10-5-3-7-20-10/h1-7H,8H2,(H2,15,16,18,19)
InChI Key	FNSCFQXZZNCDAI-UHFFFAOYSA-N
Canonical SMILES	C1=CC=NC(=C1)CNC(=O)NC2=NN=C(O2)C3=CC=CO3
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	NK-252 is studied for its potential in treating liver diseases by modulating FXR (Farnesoid X receptor) activity.
Storage	Store at -20ºC.