

Product Information

4-((2,5-Dioxo-2,5-dihydro-1H-pyrrol-1-yl)methyl)-n-(prop-2-yn-1-yl)cyclohexanecarboxamide

Cat. No.: X24-09-YYX096

Size: 500 mg; 1 g; 5 g

MDL: MFCD27956997

CAS Number: 1036847-90-1

PubChem CID: 25140930

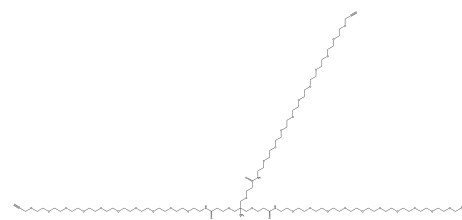
Synonym: 1036847-90-1;

4-((2,5-Dioxo-2,5-dihydro-1H-pyrrol-1-yl)methyl)-N

-(prop-2-yn-1-yl)cyclohexanecarboxamide; Mal-AMCHC-N-Propargylamide;

4-[(2,5-dioxopyrrol-1-yl)methyl]-N-prop-2-ynylcyclohexane-1-carboxamide;

MFCD27956997



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

Product Information

Description	This molecule has a complex structure with pyrrolone, cyclohexane, and carboxamide groups. It could have applications in medicinal chemistry, potentially as a lead compound for the development of new drugs, or in the field of materials science for the design of novel functional materials.
Molecular Weight	274.3
Molecular Formula	C ₁₅ H ₁₈ N ₂ O ₃
Functional Group 1	Alkynyl
Functional Group 2	None
Functional Group 3	None
Reactive Group 1	Azide
IUPAC Name	4-[(2,5-Dioxopyrrol-1-yl)methyl]-N-prop-2-ynylcyclohexane-1-carboxamide
InChI	InChI=1S/C15H18N2O3/c1-2-9-16-15(20)12-5-3-11(4-6-12)10-17-13(18)7-8-14(17)19/h1,7-8,11-12 H,3-6,9-10H2,(H,16,20)
InChI Key	RAFMOXYVCNOXTP-UHFFFAOYSA-N
Canonical SMILES	C#CCNC(=O)C1CCC(CC1)CN2C(=O)C=CC2=O
Form	Solid
Identity	Confirmed by NMR.

Applications

4-((2,5-Dioxo-2,5-dihydro-1*H*-pyrrol-1-yl)methyl)-*n*-(prop-2-yn-1-yl)cyclohexanecarboxamide could potentially have applications in drug discovery as a lead compound or as a precursor for biologically active molecules.

Storage

Store at -20°C.