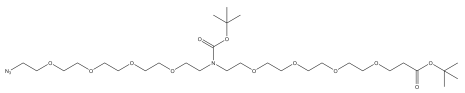
SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-637-6119 | Email: info@bioglyco.com

Product Information

2-(4-(2,5-dioxo-2*H*-pyrrol-1(5H)-yl)phenyl)acetic acid



Cat. No.: X24-09-YYX146

Size: 1 g; 5 g

CAS Number: 91574-45-7

PubChem CID: 16780847

Synonym: 91574-45-7; 2-[4-(2,5-dioxo-2,5-dihydro-1*H*-pyrrol-1-yl)phenyl]acetic acid;

4-Maleimidophenylacetic Acid;

2-(4-(2,5-dioxo-2,5-dihydro-1*H*-pyrrol-1-yl)phenyl)acetic acid;

2-[4-(2,5-dioxopyrrol-1-yl)phenyl]acetic acid

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

Product Information

Description	2-(4-(2,5-dioxo-2*H*-pyrrol-1(5H)-yl)phenyl)acetic acid contains a phenyl group attached to a pyrrolone moiety and an acetic acid group. It can be used as an intermediate in organic synthesis or as a building block for the synthesis of more complex molecules with potential biological activities. It may find applications in the development of drugs or in materials science.
Molecular Weight	231.2
Molecular Formula	$C_{12}H_9NO_4$
Functional Group 1	Acid
Functional Group 2	Ketone
Functional Group 3	None
Reactive Group 1	Amine
Reactive Group 2	Hydrazine
IUPAC Name	2-[4-(2,5-Dioxopyrrol-1-yl)phenyl]acetic acid
InChI	InChI=1S/C12H9NO4/c14-10-5-6-11(15)13(10)9-3-1-8(2-4-9)7-12(16)17/h1-6H,7H2,(H,16,17)
InChI Key	KAZUDNXBQPEPGA-UHFFFAOYSA-N
Canonical SMILES	C1=CC(=CC=C1CC(=O)O)N2C(=O)C=CC2=O
Form	Solid
Identity	Confirmed by NMR.
Applications	This compound serves as a building block in medicinal chemistry for the development of pharmaceuticals. Its structure could be used in the synthesis of various bioactive compounds or as

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	intermediates in the synthesis of more complex molecules.
Storage	Store at -20°C.