Product Information

1-Pyrrolidinebutanoic acid, HCl salt

Cat. No.: X24-09-YYX113
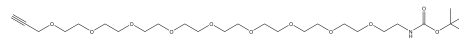
Size: 500 mg

CAS Number: 49637-21-0

PubChem CID: 14855682

Synonym: 49637-21-0; 4-(pyrrolidin-1-yl)butanoic acid hydrochloride;

PYRROLIDIN-1-YLBUTANOIC ACID HYDROCHLORIDE; 4-Pyrrolidin-1-yl-butyric

acid hydrochloride; 4-pyrrolidin-1-ylbutanoic acid;hydrochloride;

4-(1-Pyrrolidinyl)butanoic acid hydrochloride

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

Product Information

Description	1-Pyrrolidinebutanoic acid is a combination of a pyrrolidine ring and a butanoic acid moiety, presented as a hydrochloride salt. It is commonly used in medicinal chemistry as an intermediate for the synthesis of various drugs. The salt form enhances its stability and solubility, facilitating its handling and incorporation into chemical reactions.
Molecular Weight	157.2
Molecular Formula	$C_8H_{15}NO_2$
Functional Group 1	Acid
Functional Group 2	None
Functional Group 3	None
Reactive Group 1	Amine
IUPAC Name	4-Pyrrolidin-1-ylbutanoic acid;hydrochloride
InChI	InChI=1S/C8H15NO2.ClH/c10-8(11)4-3-7-9-5-1-2-6-9;/h1-7H2,(H,10,11);1H
InChI Key	ZEWPJQOFVHRHKN-UHFFFAOYSA-N
Canonical SMILES	C1CCN(C1)CCCC(=O)O.Cl
Form	Solid
Identity	Confirmed by NMR.
Applications	This compound may have applications in medicinal chemistry and the synthesis of pharmaceuticals, as well as in studies involving the exploration of its biological activities and interactions.
Storage	Store at -20°C.