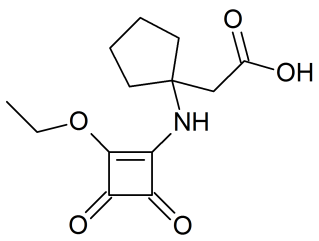
PRODUCT INFORMATION

SQ011.1 (0.05 g)
SQ011.2 (0.25 g)

Product Name: 1[(2-Ethoxy-3,4-dioxocyclobut-1-en-1-yl)amino]cyclopentyl]acetic acid



Product Specifications

catalogue no.:	SQ011
chemical name:	1[(2-Ethoxy-3,4-dioxocyclobut-1-en-1-yl)amino]cyclopentyl]acetic acid
IUPAC name:	{1[(2-ethoxy-3,4-dioxocyclobut-1-en-1-yl)amino]cyclopentyl}acetic acid
molecular formula:	$C_{13}H_{17}NO_5$
molecular weight [g/mol]:	267.28
CAS:	[-]
purity:	97%+
category:	Squaric Acid Derivatives
melting point:	n.d.
boiling point:	n.d.
appearance:	colourless solid
solubility:	MeOH
shipping temperature:	ambient
long term storage:	4°C
NMR analytics:	500 MHz (d6-DMSO)
special comments:	sensitive to hydrolysis

Safety Information

R-Sentence:	R: 36/37/38
S-Sentence:	S: 26, 37/39
hazardous substance symbol:	Xn
safety info:	Caution, substance not fully tested. Potential health effects.

References

1. Tietze, L.F., Arlt, M., Beller, M., Glüsenkamp, K.-H., Jähde, E., Rajewsky, M.F.: Squaric acid diethylester: a new coupling reagent for the formation of drug biopolymer conjugates. Synthesis of squaric acid ester amides and diamide. Chem. Ber. 124, 1215-1221, 1991.

2. Glüsenkamp, K.-H., Drosdziok, W., Eberle, G., Jähde, E., Rajewsky, M.F.: Squaric acid diethylester: A simple and convenient coupling reagent. Z. Naturforsch. 46c,

498-501, 1991

Patents

United States Patent: Method for Immobilizing biomolecules and affinity ligands on polymer carriers. Karl-Heinz Glüsenkamp et. Al., US 6,602,692 B1, Aug. 2003

Application Notes

reactive intermediate

Ordering Information

Cat. No.	Product Name	Quantity	Price
SQ011.1	{1[(2-ethoxy-3,4-dioxocyclobut-1-en-1-yl)-amino]cyclopentyl}acetic acid	0.05 g	129,- €
SQ011.2	{1[(2-ethoxy-3,4-dioxocyclobut-1-en-1-yl)-amino]cyclopentyl}acetic acid	0.25 g	389,- €