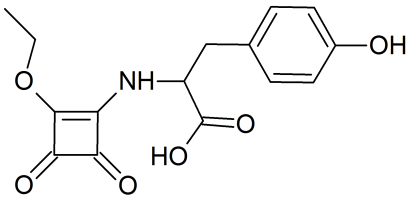
PRODUCT INFORMATION

SQ003.1 (0.05 g)
SQ003.2 (0.25 g)

Product Name: (+/-)3-Ethoxy-4[2-carboxy-2(4-hydroxyphenyl)-ethyl amino]3-cyclobutene-1,2-dione



Product Specifications

catalogue no.:	SQ003
chemical name:	(+/-)3-Ethoxy-4[2-carboxy-2(4-hydroxyphenyl)ethyl amino]3-cyclobutene-1,2-dione
IUPAC name:	N(2-ethoxy-3,4-dioxocyclobut-1-en-1-yl)tyrosine
molecular formula:	$C_{15}H_{15}NO_6$
molecular weight [g/mol]:	305.28
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.

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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
SQ003.1	N(2-ethoxy-3,4-dioxocyclobut-1-en-1-yl)tyrosine	0.05 g	129,- €
SQ003.2	N(2-ethoxy-3,4-dioxocyclobut-1-en-1-yl)tyrosine	0.25 g	389,- €