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SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

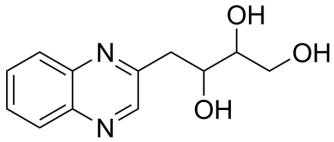
mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

2-(2',3',4'-Trihydroxybutyl)quinoxaline

Cat. No.:	HY-N7427
CAS No.:	42015-38-3
Molecular Formula:	$C_{12}H_{14}N_2O_3$
Molecular Weight:	234.25
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	2-(2',3',4'-Trihydroxybutyl)quinoxaline is a food metabolite. 2-(2',3',4'-Trihydroxybutyl)quinoxaline can be formed from homoglucans[1].
In Vitro	The 2-(2',3',4'-Trihydroxybutyl)quinoxaline (G-1) is formed from barley lichenan, and the approximate molar ratios of the 1,4- to 1,3-linkage in lichenan is estimated to be 2.2[1]. From scleroglucan, 2-(2',3',4'-Trihydroxybutyl)quinoxaline (G-1) is produced, reflecting a 1,3- and branched 1,6-linkage in the glucan[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Naofumi Morita, et al. Gas-liquid chromatography and mass spectrometry of quinoxalines derived from various homoglucans by alkaline o-phenylenediamine method. Agric. Biol. Chem., 47 (4), 757-763, 1983.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA