

BEC

Cat. No. CEI-0641

Lot. No. (See product label)

Introduction

Description

A potent, slow-binding competitive inhibitor of recombinant rat liver arginase I with a K_i of 0.4-0.6 μM . It is also a potent inhibitor of human arginase II with K_i values of 0.31 μM and 30 nM at pH 7.5 and 9.5, respectively. It does not inhibit murine iNOS at concentrations up to 1 mM. BEC significantly enhances NO-dependent relaxation of human penile corpus cavernosum smooth muscle in vitro at concentrations between 0.1-1.0 mM.

Product Information

Appearance	Liquid
CAS No.	63107-40-4
Molecular Formula	C 5 H 12 BNO 4 S
Chemical Name	S-(2-boronoethyl)-L-cysteine
Molecular Weight	824.96
Purity	>95%
Targets	RAC1

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack