abcam

Product datasheet

RKRARKE, PKG Inhibitor ab145063

1 Image

Overview

Product name RKRARKE, PKG Inhibitor

Description Competitive protein kinase G (PKG) inhibitor

Biological description Competitive protein kinase G (PKG) inhibitor. $K_i = 86 \mu M$ for PKG; $K_i = 550 \mu M$ for PKA.

Potential inhibitory activity in neuronal systems.

Purity > 99%

CAS Number 82801-73-8

Chemical structure

Arg-Lys-Arg-Ala-Arg-Lys-Glu

Properties

Molecular weight 943.12

Molecular formula C₃₈H₇₄N₁₈O₁₀

Sequence RKRARKE

Storage instructions Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12

months.

Solubility overview Soluble in water

Handling Wherever possible, you should prepare and use solutions on the same day. However, if you need

to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20 $^{\circ}$ C. Generally, these will be useable for up to one week. Before use, and

prior to opening the vial we recommend that you allow your product to equilibrate to room

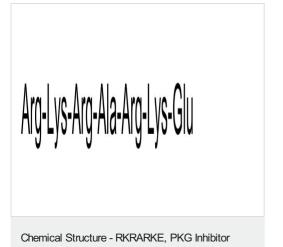
temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked

questions (FAQ) page for more details.

Source Synthetic

Images



2D chemical structure image of ab145063, RKRARKE, PKG Inhibitor

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

Our Abpromise to you: Quality guaranteed and expert technical support

- · Replacement or refund for products not performing as stated on the datasheet
- · Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- · We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

(ab145063)

- · Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team