

KH7

Cat. No. CEI-0660

Lot. No. (See product label)

Introduction

Description A selective inhibitor of soluble adenylyl cyclase (sAC) (IC₅₀ = 3-10 μM in vivo). Displays little effect on transmembrane adenylyl cyclases. KH7 is not active against sAC in the presence of detergents. At concentrations above 50 μM, KH7 exhibits non-specific membrane disruption effects when used on cells.

Product Information

Appearance Brown solid

CAS No. 330676-02-3

Molecular Formula C 17 H 15 BrN 4 O 2 S

Chemical Name 2-(1H-benzimidazol-2-ylthio)-2-[(5-bromo-2-hydroxyphenyl)methylene]hydrazide, propanoic acid

Molecular Weight 371.3

Purity >98% by TLC

Targets ADCY10

Solubility DMSO (~25 mg/ml)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack