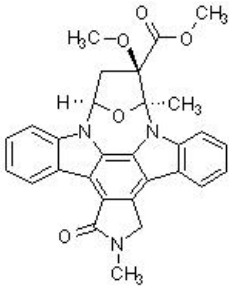


### KT5823, inhibitor of PKG ab120423

[2 References](#) [1 图像](#)

#### 概述

<b>产品名称</b>	KT5823,抑制剂of PKG
<b>描述</b>	Potent, selective抑制剂of PKG
<b>生物学描述</b>	Potent, selective, reversible inhibitor of Protein Kinase G (PKG) ( $K_i = 234$ nM). Derivative of K252, selective over PKA and PKC ( $K_i$ values are $>10$ and $4$ $\mu$ M, respectively). Prevents increased phosphorylation of regulators of G-protein-signalling <i>in vivo</i> .
<b>CAS编号</b>	126643-37-6
<b>化学结构</b>	

#### 性能

<b>化学名称</b>	(9 <i>S</i> ,10 <i>R</i> ,12 <i>R</i> )-2,3,9,10,11,12-Hexahydro-10-methoxy-2,9-dimethyl-1-oxo-9,12-epoxy-1 <i>H</i> -diindolo[1,2,3- <i>fg</i> :3',2',1'- <i>k</i> ]pyrrolo[3,4- <i>l</i> ][1,6]benzodiazocine-10-carboxylic acid, methyl ester
<b>分子量</b>	495.53
<b>分子式</b>	$C_{29}H_{25}N_3O_5$
<b>PubChem识别号</b>	108152
<b>存放说明</b>	Store at $-20^{\circ}\text{C}$ . Store under desiccating conditions. The product can be stored for up to 12 months.
<b>溶解度概述</b>	Soluble in ethanol and in DMSO
<b>处理</b>	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 $-20^{\circ}\text{C}$ . Generally, these will be useable for up to one month. 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 <a href="#">frequently asked</a>

[questions \(FAQ\) page](#) for more details.

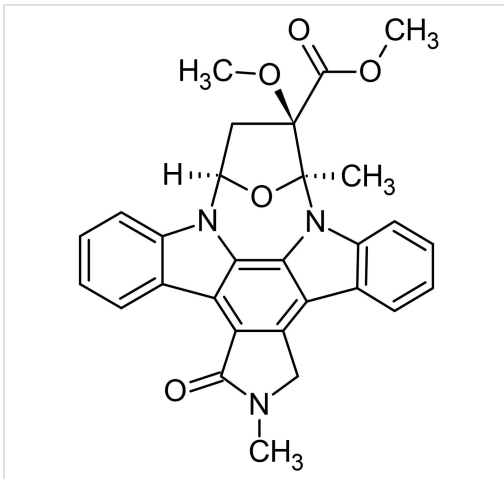
**SMILES**

O=C(OC)[C@]8(C[C@H]7O[C@]8(C)n4c3c1n7c6cccc6c1c2c(CN(C)C2=O)c3c5cccc45)OC

**来源**

Synthetic

**图片**



2D chemical structure image of ab120423, KT5823, inhibitor of PKG

Chemical Structure - KT5823, inhibitor of PKG  
(ab120423)

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