# abcam

### Product datasheet

## Tertiapin Q, blocker of inward-rectifier r K+ channels ab120432

8 References 2 图像

概述

产品名称 Tertiapin Q, blocker of inward-rectifier r K+ channels

描述 Potent inward rectifier K<sup>+</sup> channel blocker

生物学描述 Potent blocker of inward rectifier K<sup>+</sup> channels. Stable analog of the bee venom tertiapin. High

affinity for ROMK1 and GIRK1/4 (Ki values are 1.3 and 13.3 nM, respectively). Displays >250-fold

selectivity over many other Kir subtypes.

常规说明 Sold under license granted by the University of Pennsylvania.

**CAS编号** 252198-49-5

化学结构 Ala-Leu-Cys-Asn-Cys-Asn-Arg-lle-lle-Pro-His-Gln-Cys-Trp-Lys-

Lys-Cys-Gly-Lys-Lys-NH, (Disulfide bridges 3-14, 5-18)

性能

分子量 2452.01

分子式 C<sub>106</sub>H<sub>175</sub>N<sub>35</sub>O<sub>24</sub>S<sub>4</sub>

序列 ALCNCNRIIIPHQCWKKCGKK (Modifications: C-terminal amide; Disulfide bonds: 3-14, 5-18)

**PubChem**识别号 92131436

**存放说明** Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12

months.

溶解度概述 Soluble in water

处理 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°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.

(C(=O)N[C@H](C(=O)N[C@H]3CSSC[C@@H](C(=O)N[C@H](C(=O)N[C@H](CSSC[C@H]))

(NC(=O)[C@@H](NC(=O)[C@@H](NC(=O)[C@@H]

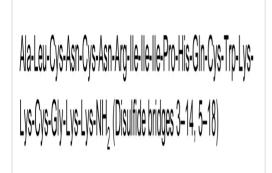
(NC3=O)CC4=CNC5=CC=CC=C54)CCCCN)CCCCN)C(=O)NCC(=O)N[C@@H]

1

来源

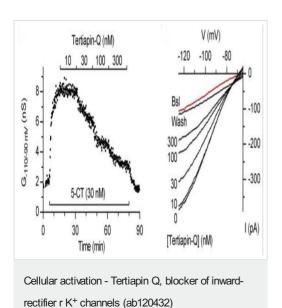
Synthetic

#### 图片



Chemical Structure - Tertiapin Q, blocker of inward-rectifier r K<sup>+</sup> channels (ab120432)

2D chemical structure image of ab120432, Tertiapin Q, blocker of inward-rectifier r K+ channels



Tertiapin Q, blocker of inward-rectifier r K+ channels

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

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- Valid for 12 months from date of delivery

Image from Montalbano A, et al. Plos One, 10(10), e0140369. Fig 3,; doi: 10.1371/journal.pone.0140369

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