

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

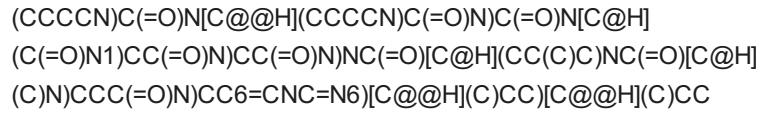
8 References [画像数 2](#)

製品の概要

製品名	Tertiapin Q, blocker of inward-rectifier r K ⁺ channels
製品の詳細	Potent inward rectifier K ⁺ channel blocker
生理活性の詳細	Potent blocker of inward rectifier K ⁺ channels. Stable analog of the bee venom tertiapin. High affinity for ROMK1 and GIRK1/4 (K _i values are 1.3 and 13.3 nM, respectively). Displays >250-fold selectivity over many other Kir subtypes.
特記事項	Sold under license granted by the University of Pennsylvania.
CAS 番号	252198-49-5
構造式	Ala-Leu-Cys-Asn-Cys-Asn-Arg-Ile-Ile-Ile-Pro-His-Gln-Cys-Trp-Lys-Lys-Cys-Gly-Lys-Lys-NH ₂ (Disulfide bridges 3-14, 5-18)

製品の特性

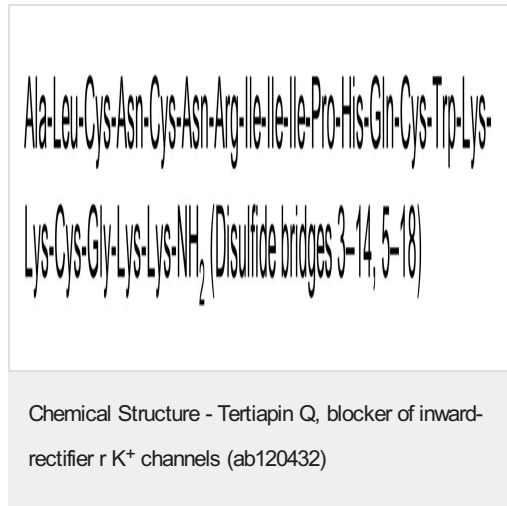
分子量	2452.01
分子式	C ₁₀₆ H ₁₇₅ N ₃₅ O ₂₄ S ₄
配列	ALCNCNRIIIHQCWKKCGKK (Modifications: C-terminal amide; Disulfide bonds: 3-14, 5-18)
PubChem 登録番号	92131436
保存方法	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in water
使用に関する注意	<p>Wherever possible, 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.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES 線形表記	CC[C@H](C)[C@H]1C(=O)NC(C(=O)N[C@H](C(=O)N2CCC[C@H]2C(=O)N[C@H](C(=O)N[C@H](C(=O)N[C@H]3CSCC[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]



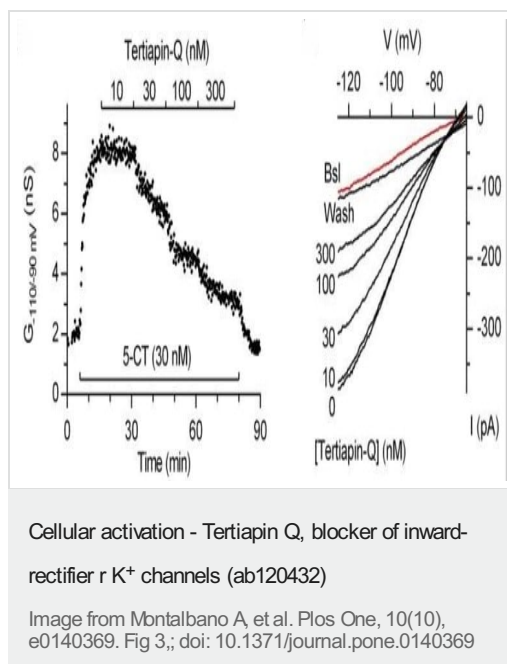
由来

Synthetic

画像



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"

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.co.jp/abpromise> or contact our technical team.

Terms and conditions

- 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