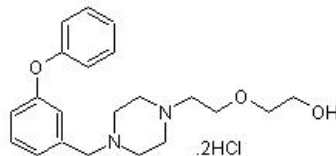


ZK 756326, non-peptide CCR8 chemokine receptor agonist ab120814

画像数 2

製品の概要

製品名	ZK 756326, non-peptide CCR8 chemokine receptor agonist
製品の詳細	Non-peptide CCR8 chemokine receptor agonist
生理活性の詳細	Non-peptide CCR8 chemokine receptor agonist (EC ₅₀ = 245 nM). Demonstrates no agonist activity against CCR3, CXCR3, CXCR4 and CCR5. Desensitizes the receptor against CCL1 stimulation.
精製度	> 99%
CAS 番号	1780259-94-0
構造式	



製品の特性

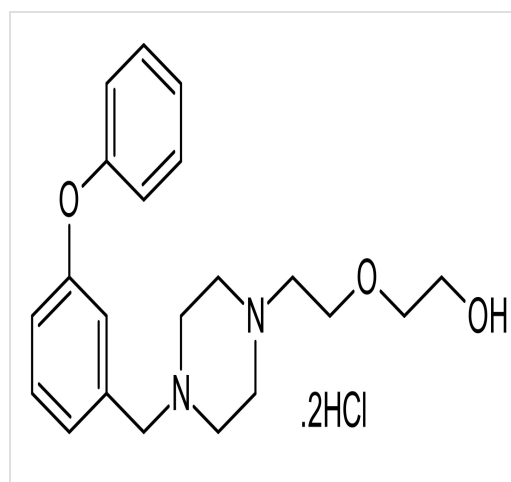
体系名	2-[2-[4-[(3-Phenoxyphenyl)methyl]-1-piperazinyl]ethoxy]ethanol dihydrochloride
分子量	429.39
分子式	C ₂₁ H ₂₈ N ₂ O ₃ ·2HCl
保存方法	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in water to 100 mM
使用に関する注意	Wherever possible, you should 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 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 frequently asked questions (FAQ) page for more details.
由来	Synthetic

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab120814の使用に適用されます
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

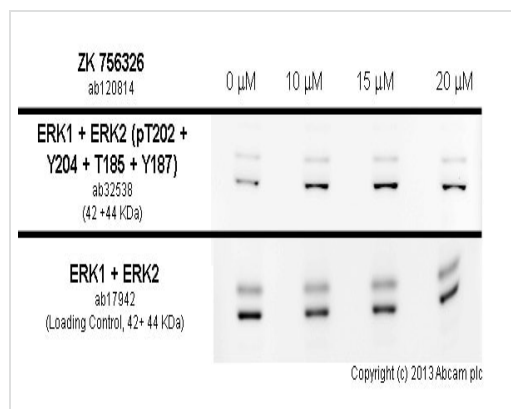
アプリケーション	Abreviews	特記事項
Functional Studies		Use at an assay dependent concentration.

画像



Chemical Structure - ZK 756326, non-peptide CCR8 chemokine receptor agonist (ab120814)

2D chemical structure image of ab120814, ZK 756326, non-peptide CCR8 chemokine receptor agonist



Functional Studies - ZK 756326, non-peptide CCR8 chemokine receptor agonist (ab120814)

THP1 cells were incubated at 37°C for 3 minutes with vehicle control (0 μM) and different concentrations of ZK 756326 (ab120814). Increased expression of ERK1 + ERK2 (phospho T202 + Y204 + T185 + Y187) (**ab32538**) in THP1 cells correlates with an increase in ZK 756326 concentration, as described in literature.

Whole cell lysates were prepared with RIPA buffer (containing protease inhibitors and sodium orthovanadate), 10 μg of each were loaded on the gel and the WB was run under reducing conditions. After transfer the membrane was blocked for an hour using 5% BSA before being incubated with **ab32538** at 1/500 dilution and **ab17942** at 1 μg/ml overnight at 4°C. Antibody binding was detected using an anti-rabbit antibody conjugated to HRP (**ab97051**) at 1/10000 dilution and visualised using ECL development solution.

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

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