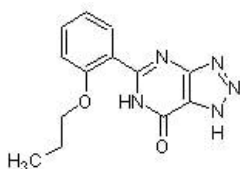


Zaprinast, cGMP phosphodiesterase inhibitor ab120940

画像数 2

製品の概要

製品名	Zaprinast, cGMP phosphodiesterase inhibitor
製品の詳細	Specific cGMP phosphodiesterase inhibitor
精製度	> 98%
CAS 番号	37762-06-4
構造式	



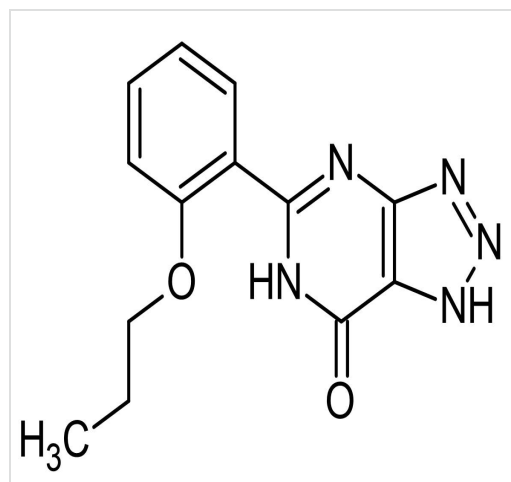
製品の特性

体系名	3,6-Dihydro-5-(2-propoxyphenyl)-7H-1,2,3-triazolo[4,5-d]pyrimidin-7-one
分子量	271.28
分子式	C ₁₃ H ₁₃ N ₅ O ₂
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 DMSO to 25 mM
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 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.</p> <p>Refer to SDS for further information.</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	CCCOc1ccccc1c1[nH]c(=O)c2nn[nH]c2n1
由来	Synthetic

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ab120940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検討ください。

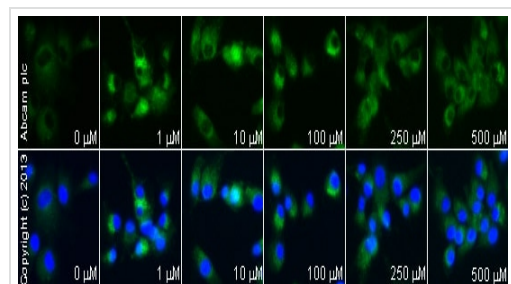
アプリケーション	Abreviews	特記事項
Functional Studies		Use at an assay dependent concentration.

画像



Chemical Structure - Zaprinast, cGMP
phosphodiesterase inhibitor (ab120940)

2D chemical structure image of ab120940, Zaprinast, cGMP
phosphodiesterase inhibitor



Functional Studies - Zaprinast, cGMP
phosphodiesterase inhibitor (ab120940)

ab76165 staining ERK1 + ERK2 (phospho T202 + Y204) in U87MG cells treated with zaprinast (ab120940), by ICC/IF. Increase of ERK1 + ERK2 (phospho T202 + Y204) expression correlates with increased concentration of zaprinast, as described in literature. The cells were incubated at 37°C for 24 hours in media containing different concentrations of ab120940 (zaprinast) in DMSO, fixed with 100% methanol for 5 minutes at -20°C and blocked with PBS containing 10% goat serum, 0.3 M glycine, 1% BSA and 0.1% tween for 2h at room temperature. Staining of the treated cells with **ab76165** (5 μg/ml) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 anti-rabbit polyclonal antibody (**ab96899**) at 1/250 dilution was used as the secondary antibody. Nuclei were counterstained with DAPI and are shown in blue.

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

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