

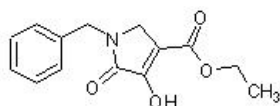
Product datasheet

EBPC, Aldose reductase inhibitor ab145885

Overview

Product name	EBPC, Aldose reductase inhibitor
Description	Potent aldose reductase inhibitor
Biological description	Potent aldose reductase inhibitor. Inhibits PGF2 α production. Enhances ERK activity. Potentiates anticancer effects of cisplatin (ab141398) and doxorubicin (ab120629).
Purity	> 99%
CAS Number	4450-98-0

Chemical structure



Properties

Chemical name	Ethyl 1-benzyl-4-hydroxy-5-oxo-2H-pyrrole-3-carboxylate
Molecular weight	261.28
Molecular formula	C ₁₄ H ₁₅ NO ₄
PubChem identifier	54677973
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 50 mM and in DMSO to 100 mM
Handling	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.
SMILES	CCOC(=O)C1=C(C(=O)N(C1)CC2=CC=CC=C2)O
Source	Synthetic

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

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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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- 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