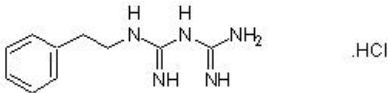


Product datasheet

Phenformin hydrochloride, AMPK activator ab141459

1 Image

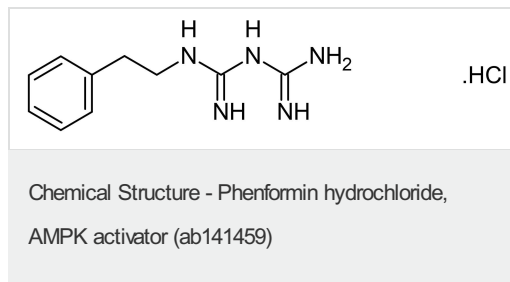
Overview

Product name	Phenformin hydrochloride, AMPK activator
Description	AMPK activator
Biological description	Activates AMPK, increasing activity and phosphorylation. Antitumor effects. Active <i>in vivo</i> .
Purity	> 97%
CAS Number	834-28-6
Chemical structure	

Properties

Chemical name	1-(Diaminomethylidene)-2-(2-phenylethyl)guanidine hydrochloride
Molecular weight	241.72
Molecular formula	C ₁₀ H ₁₅ N ₅ .HCl
PubChem identifier	13266
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM
Handling	<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>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	C1=CC=C(C=C1)CCN=C(N)N=C(N)N.Cl
Source	Synthetic

Images



2D chemical structure image of ab141459, Phenformin hydrochloride, AMPK activator

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

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- 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

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Terms and conditions

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