

### A 769662, AMP-activated protein kinase activator ab120335

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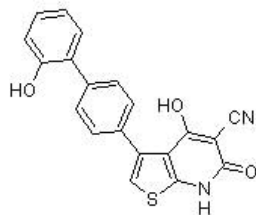
医薬用外劇物

#### 製品の概要

<b>製品名</b>	A 769662, AMP-activated protein kinase activator
<b>製品の詳細</b>	AMP-activated protein kinase activator
<b>生理活性の詳細</b>	Potent, reversible activator of AMP-activated protein kinase (AMPK) ( $EC_{50} = 0.8 \mu\text{M}$ ). Directly activates native rat AMPK by mimicking the effects of AMP - it activates AMPK both allosterically and by inhibiting dephosphorylation of AMPK. Shown to inhibit $\text{Na}^+/\text{K}^+$ -ATPase at higher concentrations ( $IC_{50} = 57 \mu\text{M}$ ). Inhibits differentiation of adipocytes.

**CAS 番号** 844499-71-4

#### 構造式



#### 製品の特性

<b>体系名</b>	6,7-Dihydro-4-hydroxy-3-(2'-hydroxy[1,1'-biphenyl]-4-yl)-6-oxo-thieno[2,3-b]pyridine-5-carbonitrile
<b>分子量</b>	360.39
<b>分子式</b>	$\text{C}_{20}\text{H}_{12}\text{N}_2\text{O}_3\text{S}$
<b>PubChem 登録番号</b>	54708532
<b>保存方法</b>	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>溶解性</b>	Soluble in DMSO to 100 mM
<b>使用に関する注意</b>	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.  Refer to SDS for further information.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

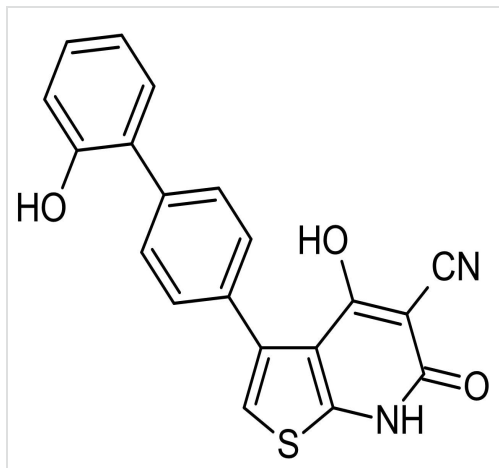
#### SMILES 線形表記

Oc1ccccc1c2ccc(cc2)c4csc3NC(=O)C(C#N)=C(O)c34

#### 由来

Synthetic

#### 画像



2D chemical structure image of ab120335, A 769662, AMP-activated protein kinase activator

Chemical Structure - A 769662, AMP-activated protein kinase activator (ab120335)

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

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