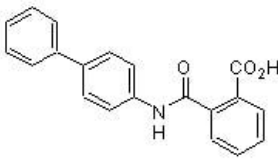


## Product datasheet

### Kartogenin, stem cell differentiation ab141180

1 Image

#### Overview

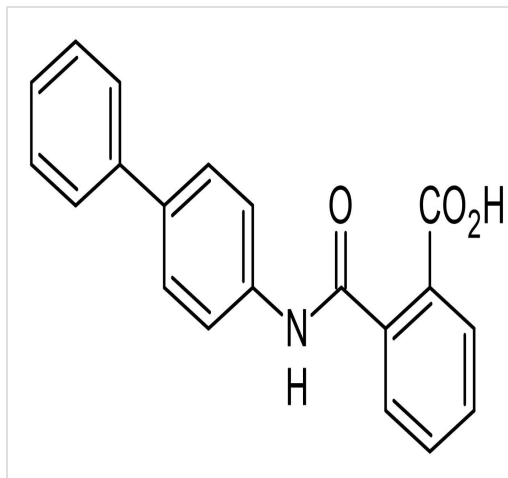
<b>Product name</b>	Kartogenin, stem cell differentiation
<b>Description</b>	Promotes differentiation of human mesenchymal stems cells into chondrocytes
<b>Biological description</b>	Promotes differentiation of human mesenchymal stems cells into chondrocytes (EC <sub>50</sub> = 100 nM). Partially supresses release of nitric oxide. Active <i>in vivo</i> and cell permeable.
<b>Purity</b>	> 98%
<b>CAS Number</b>	4727-31-5
<b>Chemical structure</b>	

#### Properties

<b>Chemical name</b>	2-([(1,1'-Biphenyl]-4-ylamino)carbonyl]benzoic acid
<b>Molecular weight</b>	317.34
<b>Molecular formula</b>	C <sub>20</sub> H <sub>15</sub> NO <sub>3</sub>
<b>PubChem identifier</b>	2826191
<b>Storage instructions</b>	Store at -20°C. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO to 100 mM and in ethanol to 50 mM
<b>Handling</b>	<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>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>SMILES</b>	O=C(Nc1ccc(cc1)c2ccccc2)c3ccccc3C(=O)O
<b>Source</b>	Synthetic

## Images

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2D chemical structure image of ab141180, Kartogenin, stem cell differentiation

Chemical Structure - Kartogenin, stem cell differentiation (ab141180)

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

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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