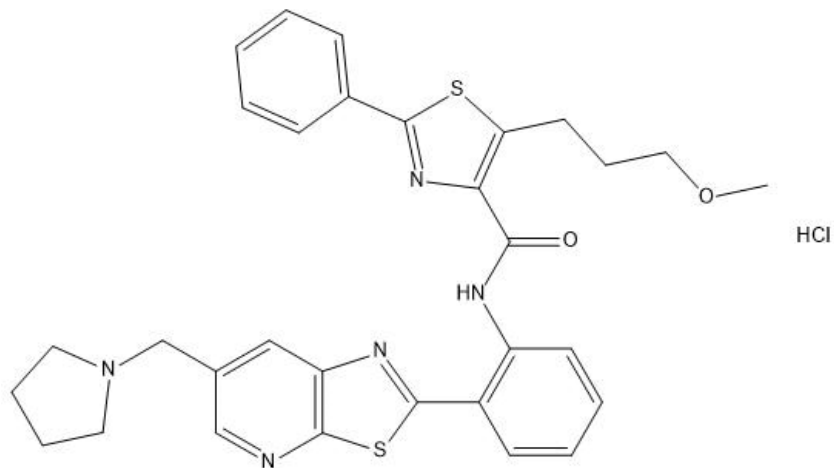


### SRT-3025 hydrochloride ab287026

#### Overview

<b>Product name</b>	SRT-3025 hydrochloride
<b>Description</b>	potent, selective Sirt1 activator
<b>Biological description</b>	SRT-3025 is a potent and selective Sirt1 activator. It inhibits RANKL-induced osteoclast differentiation, fusion and resorptive capacity without affecting osteoclast survival. SRT-3025 inhibits RANKL-induced osteoclastogenesis in bone marrow-derived macrophages (BMMs) by activating AMPK and deacetylating RelA/p65 lysine 310, critical for activation of the NF-κB signaling pathway.
<b>Purity</b>	>= 98%
<b>General notes</b>	This product is manufactured by BioVision, an Abcam company and was previously called B2376 SRT-3025 hydrochloride. B2376-25 is the same size as the 25 mg size of ab287026.
<b>CAS Number</b>	2070015-26-6
<b>Chemical structure</b>	



#### Properties

<b>Chemical name</b>	5-(3-methoxypropyl)-2-phenyl-N-(2-(6-(pyrrolidin-1-ylmethyl)thiazolo[5,4-b]pyridin-2-yl)phenyl)thiazole-4-carboxamide hydrochloride
<b>Molecular weight</b>	606.20
<b>Molecular formula</b>	C <sub>31</sub> H <sub>32</sub> ClN <sub>5</sub> O <sub>2</sub> S <sub>2</sub>
<b>PubChem identifier</b>	118986647

<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C.
<b>Solubility overview</b>	Soluble in DMSO to >75 mM
<b>Handling</b>	Toxic, refer to SDS for further information. Need more advice on solubility, usage and handling? Please visit our <b><u>frequently asked questions (FAQ) page</u></b> for more details.
<b>SMILES</b>	<chem>COCCCC1=C(N=C(S1)C2=CC=CC=C2)C(=O)NC3=CC=CC=C3C4=NC5=C(S4)N=CC(=C5)CN6CCCC6.CI</chem>

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

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