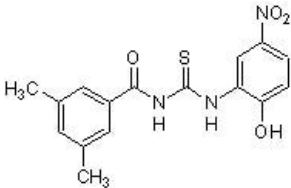


3,5-dimethyl PIT-1, PIP3/protein binding inhibitor ab120884

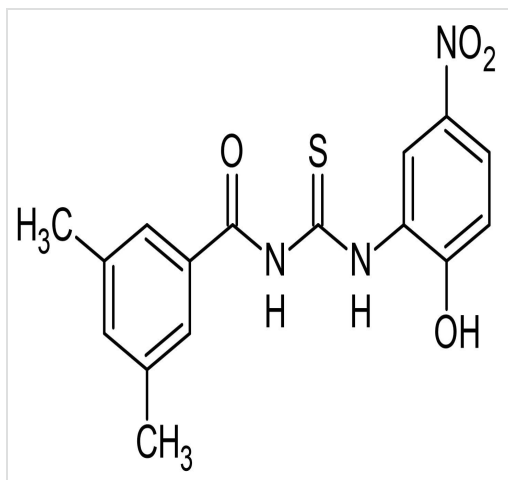
画像数 1

製品の概要

製品名	3,5-dimethyl PIT-1, PIP3/protein binding inhibitor
製品の詳細	PIP3/protein binding inhibitor
生理活性の詳細	PIP3/protein binding inhibitor. Dimethyl analog of PIT-1 (ab120885) that is designed for more favorable solubility <i>in vivo</i> . Specifically disrupts PIP3/Akt PH domain binding ($IC_{50} = 27 \mu M$); suppresses PI3K-PDK1-Akt-dependent phosphorylation. Reduces cell viability and induces apoptosis in PTEN-deficient U87MG glioblastoma cells ($IC_{50} = 36 \mu M$).
精製度	> 98%
CAS 番号	701947-53-7
構造式	

製品の特性

体系名	<i>N</i> -[[[2-Hydroxy-5-nitrophenyl)amino]thioxomethyl]-3,5-dimethylbenzamide
分子量	345.37
分子式	$C_{16}H_{15}N_3O_4S$
保存方法	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in DMSO to 20 mg/ml and in ethanol to 0.2 mg/ml
使用に関する注意	<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 線形表記	<chem>O=C(NC(NC1=C(O)C=CC([N+])([O-])=O)=S)C2=CC(C)=CC(C)=C2</chem>



Chemical Structure - 3,5-dimethyl PIT-1,
PIP3/protein binding inhibitor (ab120884)

2D chemical structure image of ab120884, 3,5-dimethyl PIT-1,
PIP3/protein binding inhibitor

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

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