

IGF Signaling Pathway Inhibitor Kit

A unique collection of 12 inhibitors for the study of IGF signaling pathway

Catalog No. K1050

URL for this product: www.selleckchem.com/kits/igf-1r-inhibitor-kit.html

Catalog No.	Size	Price
K1050	1 ea	USD 1130

Product Overview

A unique collection of 12 potent and selective inhibitors for the study of IGF signaling pathway. This kit contains the following inhibitors:

- 10 mg of GSK1904529A [S1093](#);
- 5 mg of BMS-754807 [S1124](#);
- 5 mg of MK-2206 dihydrochloride [S1078](#);
- 5 mg of BKM120 (NVP-BKM120) [S2247](#);
- 25 mg of U0126-EtOH (UO126 EtOH) [S1102](#);
- 5 mg of Sotrastaurin (AEB071) [S2791](#);
- 5 mg of Sorafenib (Nexavar) [S1040](#);
- 10 mg of PLX-4720 [S1152](#);
- 2 mg of CHIR-99021 (CT99021) [S1263](#);
- 10 mg of SP600125 [S1460](#);
- 2 mg of BX-912 [S1275](#);
- 10 mg of AZD8055 [S1555](#).

Product Details

Formulation:	A unique collection of 12 inhibitors for the study of IGF signaling pathway supplied as lyophilized powder		
Container:	Screw Cap Micro Tubes of WATSON		
Stability:	Powder	-20°C	2 years
	In DMSO	-80°C	6 months
Shipping:	Blue ice		
Packaging:	Inert gas		

Data

Cat. No.	Product Name	Targets and IC ₅₀ s	Suggested Solvent	Amount Supplied
S1093	GSK1904529A	A selective inhibitor of IGF-1R and IR with IC ₅₀ s of 27 nM and 25 nM, respectively.		10 mg
S1124	BMS-754807	An IGF-1R inhibitor with an IC ₅₀ of 13 nM.		5 mg
S1078	MK-2206 dihydrochloride	A highly selective inhibitor of Akt . Akt1 , IC ₅₀ =8 nM; Akt2 , IC ₅₀ =12 nM; Akt3 , IC ₅₀ =65 nM.	DMSO 96 mg/mL Water 96 mg/mL	5 mg
S2247	BKM120 (NVP-BKM120)	A selective Class I PI3K inhibitor of p110α, p110β, p110δ and p110γ with IC ₅₀ s of 50-300 nM.	DMSO 82 mg/mL	5 mg

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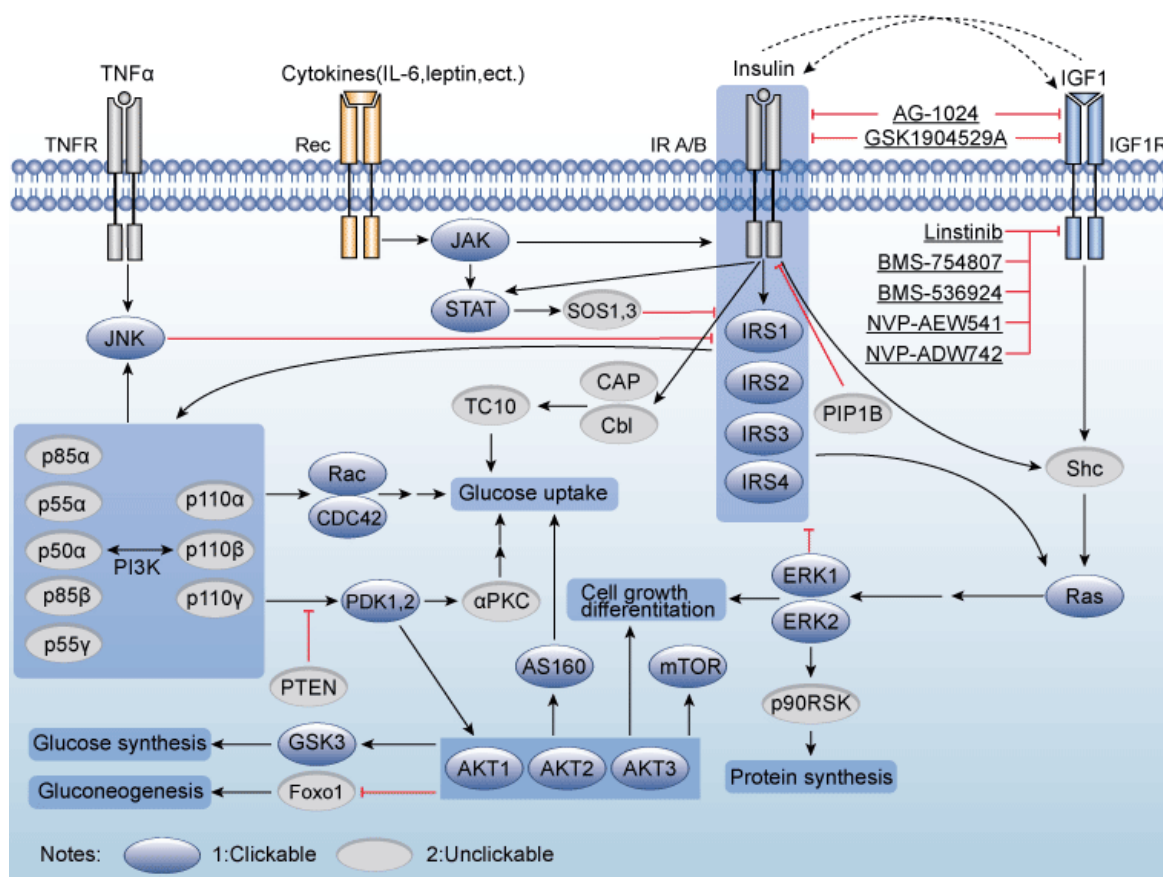
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S1102	U0126-EtOH (UO126 EtOH)	A chemically synthesized and highly selective inhibitor of both MEK1 and MEK2 with IC ₅₀ s of 70 nM and 60 nM, respectively.	DMSO	85 mg/mL	25 mg
S2791	Sotrastaurin (AEB071)	A potent selective pan-PKC inhibitor and highly inhibits PKC θ with a Ki of 0.22 nM.	DMSO	87 mg/mL	5 mg
S1040	Sorafenib (Nexavar)	A small molecular inhibitor of VEGFR , PDGFR , c-Raf and B-Raf with IC ₅₀ s of 18 nM, 10 nM, 3 nM and 15 nM, respectively.	DMSO	127 mg/mL	5 mg
S1152	PLX-4720	A potent and selective inhibitor of B-Raf ^{V600E} and c-Raf-1 ^{Y340D/Y341D} with IC ₅₀ s of 13 nM and 6.7 nM, respectively.	DMSO	83 mg/mL	10 mg
S1263	CHIR-99021 (CT99021)	A specific GSK-3 inhibitor of GSK-3β and GSK-3α with IC ₅₀ s of 5 nM and 10 nM, respectively.	DMSO	3 mg/mL	2 mg
S1460	SP600125	A broad-spectrum serine/threonine kinase inhibitor of JNK with an IC ₅₀ range from 40 to 90 nM.	DMSO	44 mg/mL	10 mg
S1275	BX-912	A selective potent PKD-1 inhibitor with an IC ₅₀ of 12 nM.	DMSO	94 mg/mL	2 mg
S1555	AZD8055	A novel ATP-competitive inhibitor of mTOR with an IC ₅₀ of 0.8 nM.	DMSO	93 mg/mL	10 mg



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