


Product datasheet

MLi-2, LRRK2 inhibitor ab254528

2 References

Overview

Product name	MLi-2, LRRK2 inhibitor
Description	Potent and selective LRRK2 inhibitor
Biological description	Potent and selective LRRK2 inhibitor. Inhibits LRRK2 in cell-free (IC_{50} = 0.76 nM), cell-based (IC_{50} = 1.4 nM) and radioligand-binding (IC_{50} = 3.4 nM) assays. Greater than 295-fold selective against a panel of receptors, channels and over 300 kinases. Oral dosing results in reduced Ser935 phosphorylation of LRRK2 in animal models.
Purity	> 98%
CAS Number	1627091-47-7
Chemical structure	

Properties

Chemical name	(2R,6S)-2,6-Dimethyl-4-[6-[5-(1-methylcyclopropyl)oxy-1H-indazol-3-yl]pyrimidin-4-yl]morpholine
Molecular weight	379.46
Molecular formula	C ₂₁ H ₂₅ N ₅ O ₂
PubChem identifier	78319901
Storage instructions	Shipped at room temperature. Store at -20°C.
Solubility overview	Soluble in DMSO to 100 mM
Handling	<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>Refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked</p>

[questions \(FAQ\) page](#) for more details.

SMILES

C[C@@H]1CN(C[C@@H](O1)C)C2=NC=NC(=C2)C3=NNC4=C3C=C(C=C4)OC5(CC5)C

Source

Synthetic

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

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