



LKT Laboratories, Inc.

NMS-E628

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## Product Information

**Product ID** N4974

**CAS No.** 1108743-60-7

**Chemical Name** N-[5-(3,5-Difluorobenzyl)-1H-indazol-3-yl]-4-(4-methyl-1-piperazinyl)-2-(tetrahydro-2H-pyran-4-ylamino)benzamide

**Synonym** Entrectinib, RXDX-101

**Formula** C<sub>31</sub>H<sub>34</sub>F<sub>2</sub>N<sub>6</sub>O<sub>2</sub>

**Formula Wt.** 560.64

**Melting Point**

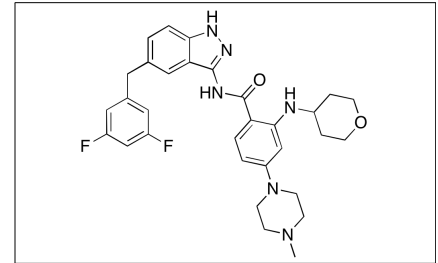
**Purity** ≥98%

**Solubility** DMSO, 100mg/mL  
Ethanol, 100mg/mL  
Water, <1mg/mL

**Store Temp** -20°C

**Ship Temp** Ambient

**Description** NMS-E628 is an inhibitor of ALK anaplastic lymphoma kinase (ALK) and Ros1 and an antagonist at Trk receptors; it exhibits anticancer chemotherapeutic activity. Clinically, this compound suppresses tumor growth in non-small cell lung cancer (NSCLC) subjects with NTRK1 gene rearrangements.



**Bulk quantities available upon request**

Product ID	Size
N4974	1 mg
N4974	5 mg
N4974	10 mg

**References** Amatu A, Somaschini A, Cerea G, et al. Novel CAD-ALK gene rearrangement is drugable by entrectinib in colorectal cancer. *Br J Cancer*. 2015 Dec 3. [Epub ahead of print]. PMID: 26633560.

Farago AF, Le LP, Zheng Z, et al. Durable Clinical Response to Entrectinib in NTRK1-Rearranged Non-Small Cell Lung Cancer. *J Thorac Oncol*. 2015 Nov 12. [Epub ahead of print]. PMID: 26565381.

Rolfo C, Ruiz R, Giovannetti E, et al. Entrectinib: a potent new TRK, ROS1, and ALK inhibitor. *Expert Opin Investig Drugs*. 2015 Nov;24(11):1493-500. PMID: 26457764.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.