



LKT Laboratories, Inc.

INH1

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## Product Information

**Product ID** I530280

**CAS No.** 313553-47-8

**Chemical Name** N-(4-(2,4-Dimethylphenyl)thiazol-2-yl)benzamide

**Synonym** Hec1/Nek2 Mitotic Pathway Inhibitor I; Benzamide,N-[4-(2,4-dimethylphenyl)-2-thiazolyl]-; IBT13131; AC1L1OIV

**Formula** C<sub>18</sub>H<sub>16</sub>N<sub>2</sub>OS

**Formula Wt.** 308.40

**Melting Point**

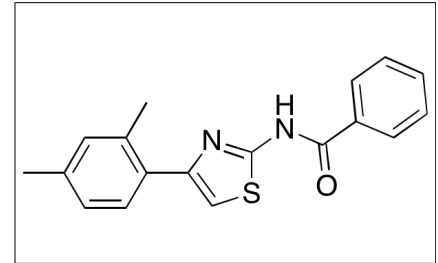
**Purity** ≥98%

**Solubility**

**Store Temp** 4° C

**Ship Temp** Ambient

**Description** INH1 is a small molecule found to disrupt the Hec1/Nek2 interaction via direct Hec1 binding, leading to apoptosis.



**Bulk quantities available upon request**

Product ID	Size
I530280	1 mg
I530280	5 mg
I530280	10 mg
I530280	50 mg

**References** Guikai Wu, Xiao-Long Qiu, Longen Zhou, et al. Small molecule targeting the Hec1/Nek2 mitotic pathway suppresses tumor cell growth in culture and in animal. *Cancer Res.* 2008, 68(20): 8393-8399. PMID 18922912.

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