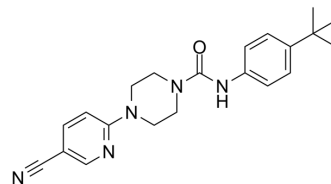


## Pantothenate kinase-IN-1

Cat. No.:	HY-144734
CAS No.:	1024168-48-6
Molecular Formula:	C <sub>21</sub> H <sub>25</sub> N <sub>5</sub> O
Molecular Weight:	363.46
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Pantothenate kinase-IN-1 (Compound 1) is a pantothenate kinase (PANK) modulator with an IC <sub>50</sub> of 0.51 μM against PANK3. Pantothenate kinase-IN-1 has a reasonable ligand efficiency (LipE = 2.8) <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.51 μM (PANK3) <sup>[1]</sup>

### REFERENCES

[1]. Sharma LK, et al. LipE guided discovery of isopropylphenyl pyridazines as pantothenate kinase modulators. *Bioorg Med Chem*. 2021 Dec 15;52:116504.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA