



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

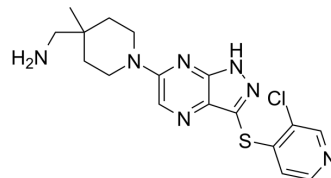
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## TK-642

Cat. No.:	HY-158762
CAS No.:	2765183-10-4
Molecular Formula:	C <sub>17</sub> H <sub>20</sub> ClN <sub>7</sub> S
Molecular Weight:	389.91
Target:	SHP2
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

TK-642 is a highly active, selective, orally active SHP2 inhibitor based on pyrazole and pyrazine (IC<sub>50</sub>=2.7 nmol/L). TK-642 can effectively inhibit the proliferation of esophageal carcinoma cells and induce cell apoptosis. TK-642 can be used in the study of esophageal cancer<sup>[1]</sup>.

### REFERENCES

[1]. Tang K, et al. Discovery of TK-642 as a highly potent, selective, orally bioavailable pyrazolopyrazine-based allosteric SHP2 inhibitor[J]. Acta Pharmaceutica Sinica B, 2024.

**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