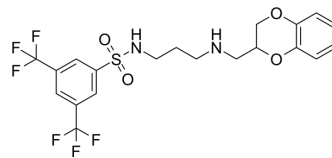


## S100A2-p53-IN-1

Cat. No.:	HY-145900
CAS No.:	2766609-08-7
Molecular Formula:	C <sub>20</sub> H <sub>20</sub> F <sub>6</sub> N <sub>2</sub> O <sub>4</sub> S
Molecular Weight:	498.44
Target:	MDM-2/p53
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

S100A2-p53-IN-1 (compound 51) is a S100A2-p53 interactions inhibitor. S100A2 is a Ca<sup>2+</sup> binding protein with implications in cell signaling and is known to be upregulated in pancreatic cancer. S100A2-p53-IN-1 can inhibit the growth of the MiaPaCa-2 pancreatic cancer cell line (GI<sup>50</sup> of 1.2-3.4 μM)<sup>[1]</sup>.

### REFERENCES

[1]. Sun J, et, al. 3,5-Bis(trifluoromethyl)phenylsulfonamides, a novel pancreatic cancer active lead. Investigation of the terminal aromatic moiety. Bioorg Med Chem Lett. 2022 Apr 1;61:128591.

**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