



# NUVISAN

The Science CRO

## Screening at Nuvisan

- Over 20 years of industrial drug discovery experience with a broad range of targets
- Cell-based, biochemical, biophysical and high-content assay platforms available
- Assay development with high-quality, custom-made functional proteins and cells
- High-throughput capabilities at your service
- Wide range of readout technologies
- Support for hit-to-lead and lead optimisation programs
- Mode-of-action analysis as your next step

## Our Assays2Go service

DRUG DISCOVERY

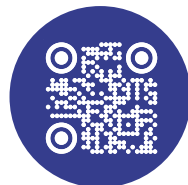
### Discovery biosciences

- In-depth expertise and state-of-the-art techniques to drive your drug discovery program forward
- Our services include protein sciences, biochemical/biophysical/cell-based assays, MS, biophysics, and structural biology

### Assays2Go service

Growing catalogue of Assays2Go for:

- Profiling of your compounds at Nuvisan
- High-throughput screening (with our libraries or yours)
- Therapeutically highly interesting targets
- Robust, reproducible and sensitive assay protocols
- High-quality data for your compounds of interest
- Rapid turnaround times
- Data reporting tailored to your needs



FOLLOW US



[nuvisan.com](https://www.nuvisan.com)

## Assays2Go targets

Protein name	UniProt ID
AKR1C3	P42330
ATAD2	Q6PL18
BRD4 (BD1)	O60885
BRD4 BD2	O60885
BRPF1	P55201
BRPF2	O95696
BUB1	O43683
ChoKa	P35790
EHMT1	Q9H9B1
HIF2a	Q99814
IRAK4	Q9NWX3
KAT5	Q92993
KAT6A	Q92794
KAT6B	Q8WYB5

Protein name	UniProt ID
KAT7	O95251
KAT8	Q9H7Z6
MAP4K1	Q92918
MPS1	P33981
MTH1	P36639
NAMPT	P43490
NEK2	P51955
PIM1	P11309
PIM2	Q9P1W9
PIM3	Q86V86
PLK1	P53350
SMYD2	Q9NRG4
SRPK1	Q96SB4

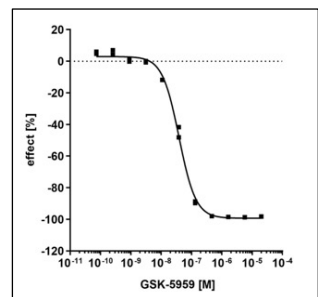
## Example BRPF1 TR-FRET assay

### Target information

- Family: epigenetic
- Protein name: BRPF1 (bromodomain and PHD finger containing 1)
- Uniprot number: P55201
- Gene name: BRPF1
- GenelD: 7862
- Aliases: BR140, IDDDFP, peregrin
- Organism: human

### Assay information

- Assay format: biochemical
- Assay type: binding
- Detection technology: TR-FRET



Dose response curve of tool compound GSK-5959 in BRPF1 TR-FRET assay: IC50 = 39 nM