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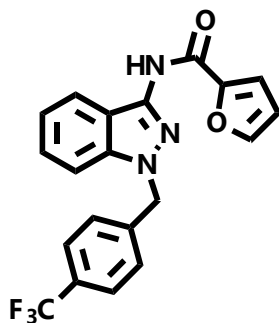
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## Fascin Inhibitor – FASCIN-G2

**Chemical Name:** N-(1-(4-(trifluoromethyl)benzyl)-1H-indazol-3-yl)furan-2-carboxamide



Molecular Weight:	385.35
Formula:	C <sub>20</sub> H <sub>14</sub> F <sub>3</sub> N <sub>3</sub> O <sub>2</sub>
Purity:	≥98%
CAS#:	n/a
Solubility:	DMSO up to 50 mM
Storage	Powder: 4°C 1 year DMSO: 4°C 3 month -20°C 1 year

### Biological Activity:

FASCIN-G2 is a potent, selective and bioavailable small molecule that inhibits the actin-bundling activity of fascin with K<sub>d</sub> ~5-20 μM. It specifically blocks filopodial formation, tumour cell migration and invasion in vitro. , FASCIN-G2 showed very good in vivo efficacy in 4T1 mammary tumour metastasis model and in MDA-MB-231 human breast tumour metastasis model.

### How to Use:

**In vitro:** FASCIN-G2 was usually used at 10-50 μM final concentration in vitro.

**In vivo:** FASCIN-G2 was dosed to mice by intraperitoneal injection at 100 mg/Kg once per day in 4T1 mammary tumour metastasis model or in MDA-MB-231 human breast tumour metastasis model.

### Reference:

1. Huang FK, et al. Targeted inhibition of fascin function blocks tumour invasion and metastatic colonization. (2015) Nat Commun. 6:7465.

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