

## Trabedersen sodium

<b>Cat. No.:</b>	HY-142118A
<b>Molecular Formula:</b>	C <sub>177</sub> H <sub>217</sub> N <sub>60</sub> Na <sub>18</sub> O <sub>94</sub> P <sub>17</sub> S <sub>17</sub>
<b>Molecular Weight:</b>	6174.43
<b>Target:</b>	TGF-beta/Smad
<b>Pathway:</b>	Stem Cell/Wnt; TGF-beta/Smad
<b>Storage:</b>	-20°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)

## Trabedersen (sodium)

### BIOLOGICAL ACTIVITY

#### Description

Trabedersen sodium is an antisense oligodeoxynucleotide that specifically inhibits TGF-β2 (TGF-beta/Smad). Trabedersen sodium can be used for the study of malignant brain tumors and other solid tumors overexpressing TGF-β2, such as those of the skin, pancreas and colon<sup>[1][2]</sup>.

### REFERENCES

- [1]. Luc Vallières. Trabedersen, a TGFbeta2-specific antisense oligonucleotide for the treatment of malignant gliomas and other tumors overexpressing TGFbeta2. IDrugs. 2009 Jul;12(7):445-53.
- [2]. Karl-Hermann Schlingensiepen, et al. Transforming growth factor-beta 2 gene silencing with trabedersen (AP 12009) in pancreatic cancer. Cancer Sci. 2011 Jun;102(6):1193-200.

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

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