

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL:

USAN CINTREDEKIN BESUDOTOX

PRONUNCIATION sin' tre dek' in be soo' doe tox

THERAPEUTIC CLAIM treatment of malignant glioma, including glioblastoma multiforme and anaplastic astrocytoma

CHEMICAL NAMES

- 1) Toxin hIL13-PE8QQR (plasmid phuIL13-Tx)
- 2) [Met<sup>17</sup>,His<sup>18</sup>]human interleukin-13 precursor-(17-132)-peptide (132→246')-protein with des-Ala<sup>365</sup>,Asp<sup>366</sup>,Val<sup>367</sup>,Val<sup>368</sup>,Ser<sup>369</sup>,Leu<sup>370</sup>,Thr<sup>371</sup>,Cys<sup>372</sup>,Pro<sup>373</sup>,Val<sup>374</sup>,Ala<sup>375</sup>,Ala<sup>376</sup>,Gly<sup>377</sup>,Glu<sup>378</sup>,Cys<sup>379</sup>,Ala<sup>380</sup>-[Lys<sup>246</sup>,Ala<sup>247</sup>,Ser<sup>248</sup>,Gly<sup>249</sup>,Gly<sup>250</sup>,Asn<sup>364</sup>,Val<sup>407</sup>,Ser<sup>515</sup>,Gln<sup>590</sup>,Gln<sup>606</sup>,Arg<sup>613</sup>]exotoxin A (*Pseudomonas aeruginosa*)-(246-613)-peptide

STRUCTURAL FORMULA

MHSPGPVPPS	TALRELIEEL	VNITQNQKAP	LCNGSMVWSI
NLTAGMYCAA	LESLINVSGC	SAIEKTQRML	SGFCPHKVSA
GQFSSLHVRD	TKIEVAQFVK	DLLLHLKFLF	REGRFNKASG
GPEGGSLAAL	TAHQACHLPL	ETFTRHRQPR	GWEQLEQCGY
PVQRLVALYL	AARLSWNQVD	QVIRNALASP	GSGGDLGEAI
REQPEQARLA	LTLAAAESER	FVRQGTGNDE	AGAANGPADS
GDALLERNYP	TGAEFLGDGG	DVSFSTRGTQ	NWTVERLLQA
HRQLEERGYV	FVGYHGTFLE	AAQSIVFGGV	RARSQDLDAI
WRGFYIAGDP	ALAYGYAQDQ	EPDARGRIRN	GALLRVYVPR
SSLPGFYRTS	LTLAAPEAAG	EVERLIGHPL	PLRLDAITGP
EEEGRLETI	LGWPLAERTV	VIPSAIPTDP	RNVGGDLDP
SIPDQEQAIS	ALPDYASQPG	QPPREDLR	

MOLECULAR FORMULA C<sub>2234</sub>H<sub>3512</sub>N<sub>650</sub>O<sub>682</sub>S<sub>10</sub>

MOLECULAR WEIGHT 50.7 kDa

TRADEMARK Unknown as yet

MANUFACTURER NeoPharm Inc.

CODE DESIGNATION IL13-PE38

CAS REGISTRY NUMBER 372075-36-0