

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (JK-38)	ZIFCASIRAN
PRONUNCIATION	zif'' ka sir' an
THERAPEUTIC CLAIM	Antineoplastic

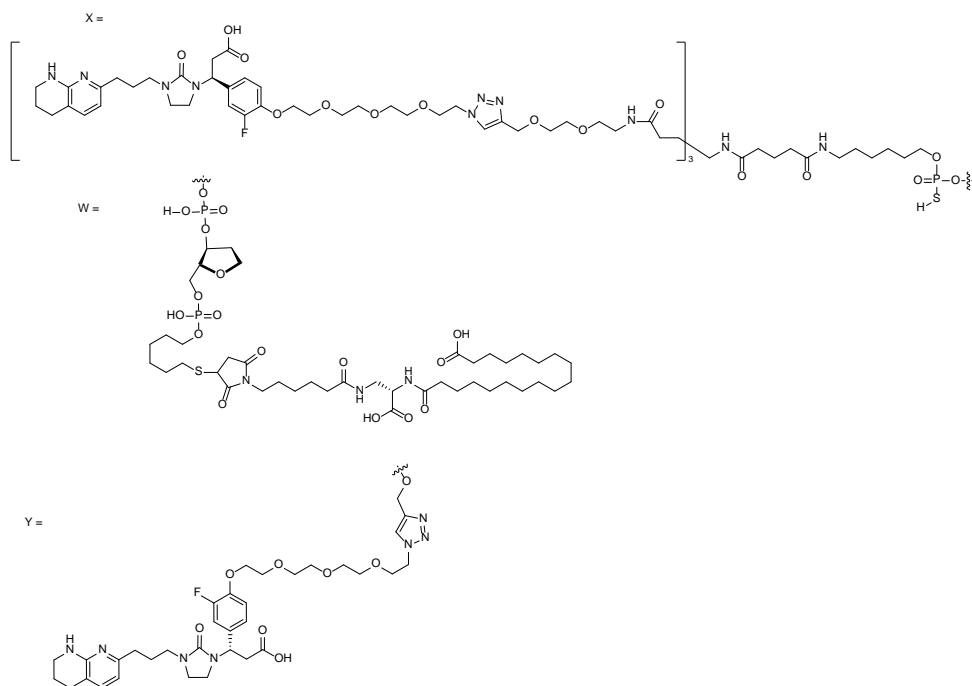
CHEMICAL NAME

RNA, (Cm-sp-Am-Am-Cm-Gm-Um-Am-Am-(2'-deoxy-2'-fluoro)C-(2'-deoxy-2'-fluoro)G-(2'-deoxy-2'-fluoro)A-Um-Um-[2'-O-[[1-[2-[2-[2-[2-fluoro-4-[(1R)-3-hydroxy-3-oxo-1-[2-oxo-3-[3-(5,6,7,8-tetrahydro-1,8-naphthyridin-2-yl)propyl]-1-imidazolidinyl]propyl]phenoxy]ethoxy]ethoxy]ethoxy]ethyl]-1H-1,2,3-triazol-4-yl)methyl]]U-Cm-[2'-O-[[1-[2-[2-[2-[2-fluoro-4-[(1R)-3-hydroxy-3-oxo-1-[2-oxo-3-[3-(5,6,7,8-tetrahydro-1,8-naphthyridin-2-yl)propyl]-1-imidazolidinyl]propyl]phenoxy]ethoxy]ethoxy]ethoxy]ethyl]-1H-1,2,3-triazol-4-yl)methyl]]A-Um-[2'-O-[[1-[2-[2-[2-[2-fluoro-4-[(1R)-3-hydroxy-3-oxo-1-[2-oxo-3-[3-(5,6,7,8-tetrahydro-1,8-naphthyridin-2-yl)propyl]-1-imidazolidinyl]propyl]phenoxy]ethoxy]ethoxy]ethoxy]ethyl]-1H-1,2,3-triazol-4-yl)methyl]]G-Am-[2'-O-[[1-[2-[2-[2-[2-fluoro-4-[(1R)-3-hydroxy-3-oxo-1-[2-oxo-3-[3-(5,6,7,8-tetrahydro-1,8-naphthyridin-2-yl)propyl]-1-imidazolidinyl]propyl]phenoxy]ethoxy]ethoxy]ethoxy]ethyl]-1H-1,2,3-triazol-4-yl)methyl]]A-Am-(3'→3')-sp-[1'-de(6-amino-9H-purin-9-yl)]dA), 5'-[O-[25-[1-[2-[2-[2-[2-fluoro-4-[(1R)-3-hydroxy-3-oxo-1-[2-oxo-3-[3-(5,6,7,8-tetrahydro-1,8-naphthyridin-2-yl)propyl]-1-imidazolidinyl]propyl]phenoxy]ethoxy]ethoxy]ethoxy]ethyl]-1H-1,2,3-triazol-4-yl)-14,14-bis-[3-[[2-[2-[[1-[2-[2-[2-[2-fluoro-4-[(1R)-3-hydroxy-3-oxo-1-[2-oxo-3-[3-(5,6,7,8-tetrahydro-1,8-naphthyridin-2-yl)propyl]-1-imidazolidinyl]propyl]phenoxy]ethoxy]ethoxy]ethoxy]ethyl]-1H-1,2,3-triazol-4-yl)methoxy]ethoxy]ethyl]amino]-3-oxopropyl]-8,12,17-trioxo-21,24-dioxo-7,13,18-triazapentacos-1-yl] hydrogen phosphorothioate] 5'''-[6-[[1-[6-[[[(2S)-3-hydroxy-2-[(18-hydroxy-1,18-dioxooctadecyl)amino]-3-oxopropyl]amino]-6-oxohexyl]-2,5-dioxo-3-pyrrolidinyl]thio]hexyl hydrogen phosphate], complex with RNA (Um-sp-(2'-deoxy-2'-fluoro)U-sp-Um-sp-(2'-deoxy-2'-fluoro)C-Am-(2'-deoxy-2'-fluoro)U-Gm-(2'-deoxy-2'-fluoro)A-Am-(2'-deoxy-2'-fluoro)A-Um-(2'-deoxy-2'-fluoro)C-Gm-(2'-deoxy-2'-fluoro)U-Um-(2'-deoxy-2'-fluoro)A-Cm-(2'-deoxy-2'-fluoro)G-Um-(2'-deoxy-2'-fluoro)U-sp-Gm) (1:1)

STRUCTURAL FORMULA

3'-5' XcsaaacguaaacGfAfuuuYCaYugYaaYaaW
 5'-3' gsUrúGfcÁfúÚfg Cr úÁfáÁf g Úf áČtsusÚfs ú

Legend
 lowercase: 2' O-methyl substitution
 lowercase followed by Y: 2' O-Y substitution
 Uppercase followed by f: 2'-fluoro substitution
 lowercase s: phosphorothioate linkage



MOLECULAR FORMULA

$C_{737}H_{972}F_{20}N_{211}O_{349}P_{43}S_8$

MOLECULAR WEIGHT

20.34 kDa

TRADEMARK

None as yet

SPONSOR

Arrowhead Pharmaceuticals, Inc.

CODE DESIGNATIONS

ADS-007

CAS REGISTRY NUMBER

2437257-11-7

UNII

5G6HL9K2G4

WHO NUMBER

12163

gbk